CropYieldProductionPracticesSurvey2018 (Default)

Variable Name	Question Text	Saved Value
collectionDate	Hidden from user	Today's date
wc	Hi ! Welcome to CROP YIELD & PRODUCTION PRACTICES SURVEY form. Kindly read the instructions carefully for each question before you fill in. Unless otherwise indicated, all responses correspond to information from __ the largest plot __ for selected crop on each farm ! Thank you for filling out !	User entered text
consentDisclaimer	Thank you for the opportunity to speak with you. I would like to interview you and your household for a survey. Our investigation aims at getting insight into different crop production practices & grain yield. We are inviting you to be a participant in this study. We value your opinion and there are no right or wrong answers to the questions we will be asking in the interview. All we ask is for your honest answer and opinion. The interview takes approximately around forty minutes to complete. If you agree to participate, you can choose to stop at any time or to skip any questions you do not want to answer. Your answers will be completely confidential; we will not share information that identifies you with anyone and your name and location will be kept safe using a coding system. After entering the questionnaire into a database, we will also restrict access to all information such as your name which will link these responses to you so that you can not be identified and will remain completely anonymous. Your participation will be highly appreciated. The answers you give will help provide better information to policy-makers, development practitioners, agricultural extension agents, and program managers so that they can plan for better services that will respond to your needs. If in the future you have any questions regarding study and the interview, or concerns or complaints we welcome you to ask our (the data collector) contact details.	User entered text
surveyConsent	Would you like to participate in the survey?	yes: Yes no: No

A	Hidden from user	
q101_country	Select country	India: India Nepal: Nepal Bangladesh: Bangladesh
q102_state	Select state / hub	User entered text
q103_district	Select district	User entered text
q104_subDistrict	Select block / mandal / upazila / (rural) municipality	User entered text
q105_village	Enter village	User entered text
q110_fName	Farmer's name	User entered text
q111_fGender	Gender of ${0}	male: Male female: Female
q112_fEdu	Education level of ${0}	noSchooling: No schooling primary: Primary matriculation: Matriculation seniorSecondary: Senior secondary bachelors: Bachelors masters: Masters phD: PhD
q114_socialCategory	Social category of ${0}	SC: SC ST: ST OBC: OBC General: General Other: Other
q115_mobile	Mobile number of ${0}	User entered text
q116_crop	Select the crop for the survey (single select)	Rice: Rice Wheat: Wheat Maize: Maize Cotton: Cotton

		Groundnut: Groundnut Fallow: Fallow
q117_season	Select the season of the ${1}	Aman: Aman Aus: Aus Boro: Boro Kharif: Kharif Rabi: Rabi
q118_harvYear	Select the year in which ${1} was harvested	2017: 2017 2018: 2018 2019: 2019 2020: 2020 2021: 2021 2022: 2022 2023: 2023 2024: 2024 2025: 2025
cropCutDone	Was crop cut done in ${0} 's plot for ${1}?	yes: Yes no: No
B	Hidden from user	
fname	Select the farmer. The name you select here should be matching linked with the farmer name that you entered before	fname_key: fname_key
district	District (pulled from existing cropcut data)	User entered text
farmerName	Farmer name (pulled from existing cropcut data)	User entered text
block	Block (pulled from existing cropcut data)	User entered text
village	village (pulled from existing cropcut data)	User entered text
mobile	mobile (pulled from existing cropcut data)	User entered text
q201_q1tagb	q201_q1tagb (pulled from existing cropcut data)	User entered text
q202_q1gWeight	q202_q1gWeight (pulled from existing cropcut data)	User entered text

q203_q1gMoist	q203_q1gMoist (pulled from existing cropcut data)	User entered text
q204_q2tagb	q204_q2tagb (pulled from existing cropcut data)	User entered text
q205_q2gWeight	q205_q2gWeight (pulled from existing cropcut data)	User entered text
q206_q2gMoist	q206_q2gMoist (pulled from existing cropcut data)	User entered text
q207_q3tagb	q207_q3tagb (pulled from existing cropcut data)	User entered text
q208_q3gWeight	q208_q3gWeight (pulled from existing cropcut data)	User entered text
q209_q3gMoist	q209_q3gMoist (pulled from existing cropcut data)	User entered text
grainYield_tonPerHa	grainYield_tonPerHa (pulled from existing cropcut data)	User entered text
ccCheck	You have pulled data for ${2} who resides in village: ${3}; block : ${4}; district : ${5} ; contact number is : ${6} ; grain yield is : ${7} ton per hectare If all the information entered is true then proceed ahead else go back and recheck the farmer's name on which you did crop cut	User entered text
C	Hidden from user	
q301_LLU	Select the local land unit used by ${0} referring to the largest plot (single select)	Acre: Acre Bigha: Bigha Decimal: Decimal Dhur: Dhur Kattha: Kattha Guntha: Guntha
q302_acreConv	One acre equals how many ${8} ?	User entered decimal
q303_cultLand	Total area of operational land during this survey season (owned and leased) in ${8} In case of Fallow, ask for total fallow land in ${8}	User entered decimal
q304_cropCultLand	Total area of ${1} cultivated in this season in ${8} In case of Fallow, enter the same area as of total fallow land in LLU	User entered decimal
q305_cropLargestArea	Largest plot area of ${1} in this season in ${8}	User entered decimal
q307_largestPlotType	Is the largest plot [${9}__${8}] for ${1} leased or owned?	Owned: Owned Leased: Leased FarmedContract: Farmed contract
D	Hidden from user	

q401_soilTexture	Soil texture of ${9}__${8} for ${1} plot	Light	Light
		Medium	Medium
		Heavy	Heavy
q402_drainClass	Drainage class of ${9}__${8} for for ${1} plot	Upland	Upland
		MediumLand	Medium land
		LowLand	Low land
		VeryLowLand	Very low land
q403_soilPerception	Farmer's perception of soil quality on the plot of ${9}__${8}	High	High
		Medium	Medium
		Low	Low
q404_prevCrop	Previous major crop cultivated just before ${1} in ${9}__${8}	Rice	Rice
		Wheat	Wheat
		Maize	Maize
		Cotton	Cotton
		Mungbean	Mungbean
		IndianMustard	IndianMustard
		Soybean	Soybean
		Groundnut	Groundnut
		Vegetables	Vegetables
		Jowar	Jowar
		Bajra	Bajra
		Banana	Banana
		Blackgram	Blackgram
		Greengram	Greengram
		Redgram	Redgram
		Sunflower	Sunflower
		Caster	Caster
		Sugarcane	Sugarcane
		Chilli	Chilli
		Turmeric	Turmeric

		Fallow: Fallow GreenManure: GreenManure PigeonPea: PigeonPea Pulses: Pulses Other: Other
q405_prevCropTillage	What was the tillage type for previous crop ${10} in ${9}__${8} ? (multiple select)	WetTillagePuddling: Puddling (wet tillage) DiscHarrow: Disc harrow TyneCultivator: Tyne cultivator FourWheelTracRotavator: 4 wheel tractor rotavator TwoWheelTractRotavator: 2 wheel tractor rotavator BullockPlough: Bullock drawn plough StripTillage: Strip tillage NoTillage: No tillage machineDSR: DSR machine handbroadcastDSR: DSR handbroadcasting Other: Other
q406_prevCropHarvest	Enter date of previous crop ${10} HARVEST in ${9}__${8}	User selected date
q407_cropResiduePcnt	What percentage of residue was retained from previous crop ${10} in ${9}__${8}?	0: 0 5: 5 10: 10 20: 20 40: 40 60: 60 80: 80 100: 100
q408_residueBurnt	Were previous crop ${10} residue burnt in ${9}__${8}?	yes: Yes no: No
q409_varType	What is the variety type of ${1}?	Improved: Improved

		Hybrid	Hybrid
		Local	Local
		Unknown	Unknown
		Improved	Improved
		Local	Local
		Unknown	Unknown
		Improved	Improved
		Hybrid	Hybrid
		Local	Local
		Unknown	Unknown
		Improved	Improved
		Hybrid	Hybrid
		Local	Local
		Bt	Bt
		Unknown	Unknown
		Improved	Improved
		Hybrid	Hybrid
		Local	Local
		Unknown	Unknown
q410_varName	Variety name of ${1}	Aditya	Aditya
		Baaz	Baaz
		Bhrikuti	Bhrikuti
		Binayak	Binayak
		BL 4341	BL 4341
		CBW38	CBW38
		Dhaulagiri	Dhaulagiri
		DBW14	DBW14
		DBW17	DBW17
		DPW621_50	DPW621_50
		Gautam	Gautam
		HD2733	HD2733
		HD2824	HD2824

HD2967	HD2967
HD2985	HD2985
HD3059	HD3059
HD3086	HD3086
HD3118	HD3118
HI1563	HI1563
HUW234	HUW234
HW2045	HW2045
K2888	K2888
K307	K307
K9107	K9107
Kedar	Kedar
Kundan	Kundan
KW412	KW412
Local	Local
LOK1	LOK1
NL1	NL1
NL2	NL2
NL3	NL3
NL297	NL297
NL971	NL971
NW1012	NW1012
NW2036	NW2036
PBW154	PBW154
PBW167	PBW167
PBW2076	PBW2076
PBW343	PBW343
PBW373	PBW373
PBW443	PBW443
PBW502	PBW502
PBW550	PBW550
Prachanda	Prachanda
RR21	RR21

SabourNirjal	SabourNirjal
SabourSamriddhi	SabourSamriddhi
SabourShresth	SabourShresth
SUPER172	SUPER172
SUPER303	SUPER303
Swargadwari	Swargadwari
UP262	UP262
UP306	UP306
Vijay	Vijay
WH711	WH711
WH1105	WH1105
WK1204	WK1204
WR544	WR544
Other	Other
Agahani	Agahani
Ankur	Ankur
Arize6120	Arize6120
Arize6129	Arize6129
Arize6444	Arize6444
Arize6444Gold	Arize6444Gold
Basmati	Basmati
BH21	BH21
BhagalpurKatarni	BhagalpurKatarni
Bhagwan	Bhagwan
BPT5204	BPT5204
BPT5207	BPT5207
Chaite4	Chaite4
Dhanrekha	Dhanrekha
Dhanwan	Dhanwan
Dhanya775	Dhanya775
Diamond	Diamond
DKC835	DKC835
DY69	DY69

GangaKaveri_MTU7029	GangaKaveri_MTU7029
Gangotri	Gangotri
Garima	Garima
Golden_MTU7029	Golden_MTU7029
GoldenSambha_BPT5204	GoldenSambha_BPT5204
Gorakhnath	Gorakhnath
Hardinath	Hardinath
Janaki	Janaki
Jaya	Jaya
Jhapa	Jhapa
JK2082_hybrid	JK2082_hybrid
JK401_hybrid	JK401_hybrid
Kaberi	Kaberi
KalaNamak	KalaNamak
Khajura	Khajura
KP108	KP108
Kranti	Kranti
Laxmi	Laxmi
Loknath	Loknath
Maheen	Maheen
Maina	Maina
Mansuri_MTU7029	Mansuri_MTU7029
MiniMansuri_MTU7029	MiniMansuri_MTU7029
Moti	Moti
MotiGold	MotiGold
MTU1001	MTU1001
MTU1010	MTU1010
MTU52	MTU52
MTU7026	MTU7026
MTU7027	MTU7027
MTU7029	MTU7029
Nano_hybrid	Nano_hybrid
NHR31_hybrid	NHR31_hybrid

NK5251_hybrid	NK5251_hybrid
PAC835_hybrid	PAC835_hybrid
PHB71_hybrid	PHB71_hybrid
PHB72_hybrid	PHB72_hybrid
Pioneer27P31_hybrid	Pioneer27P31_hybrid
Pioneer27P63_hybrid	Pioneer27P63_hybrid
Poonam	Poonam
Prabhat	Prabhat
Prasanna	Prasanna
PusaSugandh5	PusaSugandh5
R20	R20
Radha4	Radha4
Radha9	Radha9
Radhika	Radhika
RajendraBhagwati	RajendraBhagwati
RajendraKasturi	RajendraKasturi
RajendraMansoori1	RajendraMansoori1
RajendraSaraswati	RajendraSaraswati
RajendraShweta	RajendraShweta
RajendraSuhasini	RajendraSuhasini
Ramdhan	Ramdhan
Ranjit	Ranjit
RHM406	RHM406
Sabitri	Sabitri
SabourArdhjal	SabourArdhjal
SabourDeep	SabourDeep
SabourHarshit	SabourHarshit
SabourSampann	SabourSampann
SabourShri	SabourShri
SabourSurbhit	SabourSurbhit
Sahabhagi	Sahabhagi
Sampada	Sampada
Sampoorna	Sampoorna

Sankar_hybrid	Sankar_hybrid
Sarju52	Sarju52
Sarwada	Sarwada
ShriRam505	ShriRam505
ShushkSamrat	ShushkSamrat
Silki	Silki
Sonali	Sonali
Sonam	Sonam
SpeedCrystal_hybrid	SpeedCrystal_hybrid
Sudha	Sudha
Sukkha1	Sukkha1
Sukkha2	Sukkha2
Sukkha3	Sukkha3
Sukkha4	Sukkha4
SuperMoti	SuperMoti
SupremeSona	SupremeSona
Suryamukhi	Suryamukhi
Swanam	Swanam
SwarnaSub1	SwarnaSub1
Tez_Arize_hybrid	Tez_Arize_hybrid
Upaj	Upaj
US312	US312
US382	US382
Binadhan10	Binadhan10
Binadhan11	Binadhan11
Binadhan12	Binadhan12
Binadhan13	Binadhan13
Binadhan14	Binadhan14
Binadhan15	Binadhan15
Binadhan16	Binadhan16
Binadhan17GSR	Binadhan17GSR
Binadhan18	Binadhan18
Binadhan4	Binadhan4

Binadhan5	Binadhan5
Binadhan6	Binadhan6
Binadhan7	Binadhan7
Binadhan8	Binadhan8
Binadhan9	Binadhan9
Binasail	Binasail
BR1	BR1
BR10	BR10
BR11	BR11
BR12	BR12
BR14	BR14
BR15	BR15
BR16	BR16
BR18	BR18
BR19	BR19
BR2	BR2
BR20	BR20
BR21	BR21
BR22	BR22
BR23	BR23
BR24	BR24
BR25	BR25
BR26	BR26
BR3	BR3
BR4	BR4
BR5	BR5
BR7	BR7
BR8	BR8
BR9	BR9
BRRIDhan27	BRRIDhan27
BRRIDhan28	BRRIDhan28
BRRIDhan29	BRRIDhan29
BRRIDhan30	BRRIDhan30

		BRRIDhan31	BRRIDhan31
		BRRIDhan32	BRRIDhan32
		BRRIDhan33	BRRIDhan33
		BRRIDhan34	BRRIDhan34
		BRRIDhan39	BRRIDhan39
		BRRIDhan40	BRRIDhan40
		BRRIDhan41	BRRIDhan41
		BRRIDhan42	BRRIDhan42
		BRRIDhan43	BRRIDhan43
		BRRIDhan44	BRRIDhan44
		BRRIDhan45	BRRIDhan45
		BRRIDhan46	BRRIDhan46
		BRRIDhan47	BRRIDhan47
		BRRIDhan48	BRRIDhan48
		BRRIDhan49	BRRIDhan49
		BRRIDhan50	BRRIDhan50
		BRRIDhan51	BRRIDhan51
		BRRIDhan52	BRRIDhan52
		BRRIDhan56	BRRIDhan56
		BRRIDhan58	BRRIDhan58
		BRRIDhan62	BRRIDhan62
		Iratom24	Iratom24
		Minikit	Minikit
		SL8	SL8
		Subolata	Subolata
		Other	Other
q411_LandPrep	Land preparation method in ${9}__${8} __${1} plot (multiple select)	TyneCultivator	Tyne cultivator
		DiscHarrow	Disc harrow
		FourWhTractRotavator	4 wheel tractor rotavator
		TwoWhTractRotavator	2 wheel tractor rotavator
		BullockPlough	Bullock drawn plough
		StripTillage	Strip tillage

		NoTillage	No tillage
q412_RotUseYear	If tillage by rotavator, number of years of continuous use in ${9}__${8} plot	1	1
		2	2
		3	3
		4	4
		5	5
		6	6
		7	7
		8	8
		9	9
		10	10
q413_CropEst	${1} establishment method in ${9}__${8} (single select)	ManualPuddled_Random	Manual puddled transplanted (Random)
		ManualPuddled_Line	Manual puddled transplanted in line
		DirectBroadcast	Directly sown by broadcast method
		DirectSown_SeedDrill	Directly sown by seed drill
		DirectSown_Beushening	Directly sown followed by beushening
		MachineTransplanted_Puddled	Machine transplanted in puddled soil
		MachineTransplanted_NonPuddled	Machine transplanted in non - puddled soil
		Other	Other
		Broadcasting	Broadcasting
		LineSowingAfterTillage	Line sowing after

		tillage
		ZeroTillage: Zero tillage
		SurfaceSeeding: Surface seeding
		Broadcasting: Broadcasting
		ManualLineSowing: Manual line sowing
		SeedDrill: Seed drill
		Other: Other
		Broadcasting: Broadcasting
		ManualLineSowing: Manual line sowing
		SeedDrill: Seed drill
		Other: Other
		Broadcasting: Broadcasting
		ManualLineSowing: Manual line sowing
		SeedDrill: Seed drill
		Other: Other
q414_rcNursEstDate	If rice transplanted, date of nursery establishment for ${9}__${8} plot	User selected date
q415_seedingSowingTransDate	Previous major crop ${10} harvesting date from this plot: ${11} Date of seeding / transplanting / direct sowing (if DSR rice) / sowing (wheat) in ${9}__${8} plot for ${1}	User selected date
q416_whSDelayReason	If wheat planting was delayed past November 30 in this season, why? Sowing date : ${12} (multiple select)	LateRiceHarvest: Rice harvested late LandWetForPloughing: Land too wet for ploughing TillEquipNotAvailable: Non availability of tillage equipment SeedNotAvailable: Non availability of seed FertNotAvailable: No availability of fertilizers LaborShortage: Labor shortage NoMoistureAtSowing: Lack of moisture at sowing LackOfFunds: Lack of funds Other: Other

q417_whComDelayReason	If wheat planting is commonly delayed past November 30th in most years, why? (multiple select)	LateRiceHarvest: Rice harvested late LandWetForPloughing: Land too wet for ploughing TillEquipNotAvailable: Non availability of tillage equipment SeedNotAvailable: Non availability of seed FertNotAvailable: No availability of fertilizers LaborShortage: Labor shortage NoMoistureAtSowing: Lack of moisture at sowing LackOfFunds: Lack of funds NoDelay: No Delay
q418_nursDetFactor	What mostly determines the timing of rice nursery establishment? (multiple select)	CalendarDate: Calendar date PreMonsoonShowers: Arrival of pre-monsoon showers IrrigWaterAvailability: Irrigation water availability WeatherForecastInfo: Weather forecast information NeighboringFarmersPractice: Practices of neighboring farmers SeedAvailability: Seed availability Other: Other
q419_transDetFactor	What mostly determines the timing of rice planting in the${9}__${8}? (multiple select)	CalendarDate: Calendar date SeedlingAge: Seedling age RainArrival: Arrival of rains IrrigWaterAvailability: Irrigation water availability LaborAvailability: Labor availability
q420_cropSeedAmt	${1} seed amount used for ${9}__${8} plot in kg	User entered decimal
q421_seedSource	What is the source of seed for ${1} used for ${9}__${8} plot?	SelfSaved: Self saved NeighborRelative: Neighbor or Relative PvtSeedDealer: Private seed dealer Cooperative: Cooperative

		GovernmentKVKSAU: Government / KVK / SAU Other: Other
q422_otherSeedSource	Enter other source of seed for ${1} used for ${9}__${8} plot	User entered text
E	Hidden from user	
q5105_statSHC	Soil health card status of ${9}__${8} ${1} plot	NoSHC: No soil health card SHCAvailableAndInfoUsed: Soil health card available and information used SHCAvailableButInfoNotUsed: Soil health card available but information not used
q5101_FYM	Was organic compost ('FYM') applied in ${9}__${8} plot for ${1}?	yes: Yes no: No
q5102_typeFYM	If yes, type of FYM applied in ${9}__${8} plot	Dry: Dry Wet: Wet
q5103_amtFYM	If yes, total compost applied in ${9}__${8} plot in KG	User entered decimal
q5104_applyMineralFert	Did you apply mineral fertilizer in ${9}__${8} ${1} plot?	yes: Yes no: No
F	Hidden from user	
basalFerts	Select the fertilizer(s) applied at planting (basal) for ${1} (multiple select)	DAP: DAP NPK: NPK Urea: Urea NPKS: NPKS MoP: MoP SSP: SSP TSP: TSP ZnSO4: ZnSO4

		Gypsum: Gypsum Boron: Boron Other: Other None: None
q5202_basalDAP	DAP at planting (basal) in ${9}__${8}__${1} plot in KG	User entered decimal
q5203_basalNPK	NPK product (mixture fertilizer)at planting (basal) in ${9}__${8}__${1} plot in KG	User entered decimal
q5204_basalUrea	Urea at planting (basal) in ${9}__${8}__${1} plot in KG	User entered decimal
q5205_basalNPKS	NPKS at planting (basal) in ${9}__${8}__${1} plot in KG	User entered decimal
q5206_basalMoP	MoP at planting (basal) in ${9}__${8}__${1} plot in KG	User entered decimal
q5207_basalSSP	SSP at planting (basal) in ${9}__${8}__${1} plot in KG	User entered decimal
q5208_basalTSP	TSP at planting (basal) in ${9}__${8}__${1} plot in KG	User entered decimal
q5209_basalZnSO4	Zinc Sulfate at planting (basal) in ${9}__${8}__${1} plot in KG	User entered decimal
q5210_basalGypsum	Gypsum at planting (basal) in ${9}__${8}__${1} plot in KG	User entered decimal
q5211_basalBoron	Boron at planting (basal) in ${9}__${8}__${1} plot in KG	User entered decimal
q52111_otherBasalFert	Enter name of other basal fertilizer applied	User entered text
q52112_otherBasalFertAmt	Total ${13} applied in KG	User entered decimal
firstTopDressFert	Select the fertilizer(s) applied for first top dressing in ${9}__${8}__${1} plot in KG (multiple select)	DAP: DAP NPK: NPK Urea: Urea NPKS: NPKS MoP: MoP SSP: SSP TSP: TSP ZnSO4: ZnSO4 Gypsum: Gypsum

		Boron: Boron Other: Other None: None
q5212_1tdDAP	Basal DAP applied: ${14} kg Enter DAP amount applied at first top dressing in ${9}__${8} plot in KG	User entered decimal
q5213_1appDaysDAP	Days of application of first top dressing DAP after sowing / transplanting in ${9}__${8} plot	User entered integer
q5214_1tdNPK	Basal NPK applied: ${15} kg Enter NPK amount applied at first top dressing in ${9}__${8} plot in KG	User entered decimal
q5215_1appDaysNPK	Days of application of first top dressing NPK after sowing / transplanting in ${9}__${8} plot	User entered integer
q5216_1tdUrea	Basal Urea applied: ${16} kg Enter Urea amount applied at first top dressing in ${9}__${8} plot	User entered decimal
q5217_1appDaysUrea	Days of application of first top dressing Urea after sowing / transplanting in ${9}__${8} plot	User entered integer
q5218_1tdNPKS	Basal NPKS applied: ${17} kg Enter NPKS amount applied at first top dressing in ${9}__${8} plot in KG	User entered decimal
q5219_1appDaysNPKS	Days of application of first top dressing NPKS after sowing / transplanting in ${9}__${8} plot	User entered integer
q5220_1tdMoP	Basal MoP applied: ${18} kg Enter MoP amount applied at first top dressing in ${9}__${8} plot in KG	User entered decimal
q5221_1appDaysMoP	Days of application of first top dressing MoP after sowing / transplanting in ${9}__${8} plot	User entered integer
q5223_1tdSSP	Basal SSP applied: ${19} kg Enter SSP amount applied at first top dressing in ${9}__${8} plot in KG	User entered decimal
q5224_1appDaysSSP	Days of application of first top dressing SSP after sowing / transplanting in ${9}__${8} plot	User entered integer
q5225_1tdTSP	Basal TSP applied: ${20} kg Enter TSP amount applied at first top dressing in ${9}__${8} plot in KG	User entered decimal
q5226_1appDaysTSP	Days of application of first top dressing TSP after sowing / transplanting in ${9}__${8} plot	User entered integer
q5227_1tdZnSO4	Basal Zinc Sulfate applied: ${21} Enter Zinc Sulfate amount applied at first top dressing in ${9}__${8} plot in KG	User entered decimal
q5228_1appDaysZnSO4	Days of application of first top dressing Zinc Sulfate after sowing / transplanting in ${9}__${8} plot	User entered integer
q5229_1tdGypsum	Basal Gypsum applied: ${22} Total Gypsum amount applied at first top dressing in ${9}__${8}	User entered decimal

	plot in KG	
q5230_1appDaysGypsum	Days of application of first top dressing Gypsum after sowing / transplanting in ${9}__${8} plot	User entered integer
q5231_1tdBoron	Basal Boron applied: ${23} Enter Boron amount applied at first top dressing in ${9}__${8} plot in KG	User entered decimal
q5232_1appDaysBoron	Days of application of first top dressing Boron after sowing / transplanting in ${9}__${8} plot	User entered integer
q52321_1tdOtherFert	Enter other fertilizer name applied in ${9}__${8} plot in KG	User entered text
q52322_1tdOtherFertAmt	${24} amount applied in ${9}__${8} plot in KG	User entered integer
q52323_1appDaysOtherFert	Days of application of first top dressing ${24} in ${9}__${8} plot	User entered decimal
secondTopDressFert	Select the fertilizer(s) applied for second top dressing in ${9}__${8} plot in KG (multiple select)	DAP: DAP NPK: NPK Urea: Urea NPKS: NPKS MoP: MoP SSP: SSP TSP: TSP ZnSO4: ZnSO4 Gypsum: Gypsum Boron: Boron Other: Other None: None
q5233_2tdDAP	Basal DAP applied: ${14} kg DAP applied at First top dressing: ${25} kg Enter DAP amount applied at second top dressing in ${9}__${8} plot in KG (multiple select)	User entered decimal
q5234_2appDaysDAP	Days of application of second top dressing DAP after sowing / transplanting in ${9}__${8} plot	User entered integer
q5235_2tdNPK	Basal NPK applied: ${15} kg NPK applied at First top dress: ${26} kg Enter NPK product amount applied at second top dressing in ${9}__${8} plot in KG	User entered decimal
q5236_2appDaysNPK	Days of application of second top dressing NPK after sowing / transplanting in ${9}__${8} plot	User entered integer

q5237_2tdUrea	Basal Urea applied: ${16} kg Urea applied at First top dress : ${27} kg Enter Urea amount applied at second top dressing in ${9}__${8} plot in KG	User entered decimal
q5238_2appDaysUrea	Days of application of second top dressing Urea after sowing / transplanting in ${9}__${8} plot in KG	User entered integer
q5239_2tdNPKS	Basal NPKS applied: ${17} kg NPKS applied at First top dress : ${28} kg Enter NPKS amount applied at second top dressing in ${9}__${8} plot in KG	User entered decimal
q5240_2appDaysNPKS	Days of application of second top dressing NPKS after sowing / transplanting in ${9}__${8} plot	User entered integer
q5241_2tdMoP	Basal MoP applied: ${18} kg MoP applied at First top dress: ${29} kg Enter MoP amount applied at second top dressing in ${9}__${8} plot in KG	User entered decimal
q5242_2appDaysMoP	Days of application of second top dressing MoP after sowing / transplanting in ${9}__${8} plot	User entered integer
q5243_2tdSSP	Basal SSP applied: ${19} kg SSP applied at First top dress: ${30} kg Enter SSP amount applied at second top dressing in ${9}__${8} plot in KG	User entered decimal
q5244_2appDaysSSP	Days of application of second top dressing SSP after sowing / transplanting in ${9}__${8} plot	User entered integer
q5245_2tdTSP	Basal TSP applied: ${20} kg TSP applied at First top dress: ${31} kg Enter TSP amount applied at second top dressing in ${9}__${8} plot in KG	User entered decimal
q5246_2appDaysTSP	Days of application of second top dressing TSP after sowing / transplanting in ${9}__${8} plot	User entered integer
q5247_2tdZnSO4	Basal Zinc Sulfate applied: ${21} Zinc Sulfate applied at First top dress: ${32} kg Enter Zinc Sulfate amount applied at second top dressing in ${9}__${8} plot in KG	User entered decimal
q5248_2appDaysZnSO4	Days of application of second top dressing Zinc Sulfate after sowing / transplanting in ${9}__${8} plot	User entered integer
q5249_2tdGypsum	Basal Gypsum applied: ${22} Gypsum applied at First top dress: ${33} Enter Gypsum amount applied at second top dressing in ${9}__${8} plot in KG	User entered decimal
q5250_2appDaysGypsum	Days of application of second top dressing Gypsum after sowing / transplanting in ${9}__${8} plot	User entered integer
q5251_2tdBoron	Basal Boron applied: ${23} Boron applied at First top dress: ${34} kg Enter Boron amount applied at	User entered decimal

	second top dressing in ${9}__${8} plot in KG	
q5252_2appDaysBoron	Days of application of second top dressing Boron after sowing / transplanting in ${9}__${8} plot	User entered integer
q52521_2tdOtherFert	Enter other fertilizer name applied in ${9}__${8} plot in KG	User entered text
q52522_2tdOtherFertAmt	${35} amount applied in ${9}__${8} plot in KG	User entered integer
q52523_2appDaysOtherFert	Days of application of second top dressing ${35} in ${9}__${8} plot	User entered decimal
thirdTopDressFert	Select the fertilizer(s) applied for third top dressing (multiple select)	DAP: DAP NPK: NPK Urea: Urea NPKS: NPKS MoP: MoP SSP: SSP TSP: TSP ZnSO4: ZnSO4 Gypsum: Gypsum Boron: Boron Other: Other None: None
q5253_3tdDAP	Basal DAP applied: ${14} kg DAP applied at First top dressing: ${25} kg DAP applied at Second top dressing: ${36} kg Enter DAP amount applied at third top dressing in ${9}__${8} plot in KG	User entered decimal
q5254_3appDaysDAP	Days of application of third top dressing DAP after sowing / transplanting in ${9}__${8} plot	User entered integer
q5255_3tdNPK	Basal NPK applied: ${15} kg NPK applied at First top dress: ${26} kg NPK applied at Second top dress: ${37} kg Enter NPK product amount applied at third top dressing in ${9}__${8} plot in KG	User entered decimal
q5256_3appDaysNPK	Days of application of third top dressing NPK after sowing / transplanting in ${9}__${8} plot	User entered integer
q5257_3tdUrea	Basal Urea applied: ${16} kg Urea applied at First top dress : ${27} kg Urea applied at Second top dress: ${38} kg Enter Urea amount applied at third top dressing in ${9}__${8} plot in KG	User entered decimal

q5258_3appDaysUrea	Days of application of third top dressing Urea after sowing / transplanting in ${9}__${8} plot	User entered integer
q5259_3tdNPKS	Basal NPKS applied: ${17} kg NPKS applied at First top dress : ${28} kg NPKS applied at Second top dress: ${39} kg Enter NPKS amount applied at third top dressing in ${9}__${8} plot in KG	User entered decimal
q5260_3appDaysNPKS	Days of application of third top dressing NPKS after sowing / transplanting in ${9}__${8} plot	User entered integer
q5261_3tdMoP	Basal MoP applied: ${18} kg MoP applied at First top dress: ${29} kg MoP applied at Second top dress: ${40} kg Enter MoP amount applied at third top dressing in ${9}__${8} plot in KG	User entered decimal
q5262_3appDaysMoP	Days of application of third top dressing MoP after sowing / transplanting in ${9}__${8} plot	User entered integer
q5263_3tdSSP	Basal SSP applied: ${19} kg SSP applied at First top dress: ${30} kg SSP applied at Second top dress: ${41} kg Enter SSP amount applied at third top dressing in ${9}__${8} plot in KG	User entered decimal
q5264_3appDaysSSP	Days of application of third top dressing SSP after sowing / transplanting in ${9}__${8} plot	User entered integer
q5265_3tdTSP	Basal TSP applied: ${20} kg TSP applied at First top dress: ${31} kg TSP applied at Second top dress: ${42} kg Enter TSP amount applied at third top dressing in ${9}__${8} plot in KG	User entered decimal
q5266_3appDaysTSP	Days of application of third top dressing TSP after sowing / transplanting in ${9}__${8} plot	User entered integer
q5267_3tdZnSO4	Basal Zinc Sulfate applied: ${21} kg Zinc Sulfate applied at First top dress: ${32} kg Zinc Sulfate applied at Second top dress: ${43} kg Enter Zinc Sulfate amount applied at third top dressing in ${9}__${8} plot in KG	User entered decimal
q5268_3appDaysZnSO4	Days of application of third top dressing Zinc Sulfate after sowing / transplanting in ${9}__${8} plot	User entered integer
q5269_3tdGypsum	Basal Gypsum applied: ${22} kg Gypsum applied at First top dress: ${33} kg Gypsum applied at Second top dress: ${44} kg Enter Gypsum amount applied at third top dressing in ${9}__${8} plot in KG	User entered decimal
q5270_3appDaysGypsum	Days of application of third top dressing Gypsum after sowing / transplanting in ${9}__${8} plot	User entered integer
q5271_3tdBoron	Basal Boron applied: ${23} Boron applied at First top dress: ${34} kg Boron applied at Second top	User entered decimal

	dress: ${45} kg Enter Boron amount applied at third top dressing in ${9}__${8} plot in KG	
q5272_3appDaysBoron	Days of application of third top dressing Boron after sowing / transplanting in ${9}__${8} plot	User entered integer
q52721_3tdOtherFert	Enter other fertilizer name applied in ${9}__${8} plot in KG	User entered text
q52722_3tdOtherFertAmt	${46} amount applied in ${9}__${8} plot in KG	User entered integer
q52723_3appDaysOtherFert	Days of application of third top dressing ${46} in ${9}__${8} plot	User entered decimal
totAmtDAP	Total amount of DAP (autocalculated)	User entered text
totAmtNPK	Total amount of NPK (autocalculated)	User entered text
gradeNPK	Select the grade of NPK	12_32_16: 12 - 32 - 16 10_26_26: 10 - 26 - 26 14_35_14: 14 - 35 - 14 17_17_17: 17 - 17 - 17 Other: Other
otherGradeNPK	Enter other NPK grade (in N - P - K format) e.g. 14 - 35 - 14	User entered text
q51071_gradeNPK	Total amount of NPK (autocalculated)	User entered text
totAmtUrea	Total amount of Urea (autocalculated)	User entered text
totAmtNPKS	Total amount of NPKS (autocalculated)	User entered text
q51211_gradeNPKS	Select NPKS grade used	20_20_0_13: 20 - 20 - 0 - 13 16_20_0_13: 16 - 20 - 0 - 13 Other: Other
totAmtMoP	Total amount of MoP (autocalculated)	User entered text
totAmtSSP	Total amount of SSP (autocalculated)	User entered text
totAmtTSP	Total amount of TSP (autocalculated)	User entered text
totAmtZnSO4	Total amount of ZnSO4 (autocalculated)	User entered text
totAmtGypsum	Total amount of Gypsum (autocalculated)	User entered text
totAmtBoron	Total amount of Boron (autocalculated)	User entered text
checkDAP	Basal DAP applied: ${14} kg DAP applied at First top dressing: ${25} kg DAP applied at Second top dressing: ${36} kg DAP applied at Third top	User entered text

	dressing: ${47} kg Total amount of DAP applied: ${48}__kg If all the data entered are TRUE then proceed ahead or else go back and check.	
checkNPK	Basal NPK applied: ${15} kg NPK applied at First top dress: ${26} kg NPK applied at Second top dress: ${37} kg NPK applied at Third top dress: ${49} kg Total amount of NPK applied: ${50}__kg If all the data entered are TRUE then proceed ahead or else go back and check.	User entered text
checkUrea	Basal Urea applied: ${16} kg Urea applied at First top dress : ${27} kg Urea applied at Second top dress: ${38} kg Urea applied at Third top dress: ${51} kg Total amount of Urea applied: ${52}__kg If all the data entered are TRUE then proceed ahead or else go back and check.	User entered text
checkNPKS	Basal NPKS applied: ${17} kg NPKS applied at First top dress : ${28} kg NPKS applied at Second top dress: ${39} kg NPKS applied at Third top dress: ${53} kg Total amount of NPKS applied: ${54}__kg If all the data entered are TRUE then proceed ahead or else go back and check.	User entered text
checkMoP	Basal MoP applied: ${18} kg MoP applied at First top dress: ${29} kg MoP applied at Second top dress: ${40} kg MoP applied at Third top dress: ${55} kg Total amount of MoP applied: ${56}__kg If all the data entered are TRUE then proceed ahead or else go back and check.	User entered text
checkSSP	Basal SSP applied: ${19} kg SSP applied at First top dress: ${30} kg SSP applied at Second top dress: ${41} kg SSP applied at Third top dress: ${57} kg Total amount of SSP applied: ${58}__kg If all the data entered are TRUE then proceed ahead or else go back and check.	User entered text
checkTSP	Basal TSP applied: ${20} kg TSP applied at First top dress: ${31} kg TSP applied at Second top dress: ${42} kg TSP applied at Third top dress: ${59} kg Total amount of TSP applied: ${60}__kg If all the data entered are TRUE then proceed ahead or else go back and check.	User entered text
checkZnSO4	Basal Zinc Sulfate applied: ${21} kg Zinc Sulfate applied at First top dress: ${32} kg Zinc Sulfate applied at Second top dress: ${43} kg Zinc Sulfate applied at Third top dress: ${61} kg Total amount of Zinc Sulfate applied: ${62}__kg If all the data	User entered text

	entered are TRUE then proceed ahead or else go back and check.	
checkGypsum	Basal Gypsum applied: ${22} kg Gypsum applied at First top dress: ${33} kg Gypsum applied at Second top dress: ${44} kg Gypsum applied at Third top dress: ${63} kg Total amount of Gypsum applied: ${64}__kg If all the data entered are TRUE then proceed ahead or else go back and check.	User entered text
checkBoron	Basal Boron applied: ${23} Boron applied at First top dress: ${34} kg Boron applied at Second top dress: ${45} kg Boron applied at Third top dress: ${65} kg Total amount of Boron applied: ${66}__kg If all the data entered are TRUE then proceed ahead or else go back and check.	User entered text
q5112_priceDAP	DAP price per kg	User entered decimal
q5113_priceNPK	NPK price per kg	User entered decimal
q5114_priceUrea	Urea price per kg	User entered decimal
q5127_priceMoP	Price of MoP per kg	User entered decimal
q5115_priceZnSO4	Zinc sulfate price per kg	User entered decimal
q5116_priceGypsum	Gypsum price per kg	User entered decimal
q5117_priceBoron	Boron price per kg	User entered decimal
q5126_priceNPKS	Price of NPKS per kg	User entered decimal
q5128_priceSSP	Price of SSP per kg	User entered decimal
q5129_priceTSP	Price of TSP per kg	User entered decimal
q5273_fertInfoSource	What is your source of information on fertilizer/micronutrient use? (multiple select)	NeighborsFamily: Neighbors or family ExtensionAgentsKVKUniversities: Extension agents / KVK / Universities InputDealers: Input dealers Cooperatives: Cooperatives SHC: Soil Health Card Other: Other
q5274_fertInfoOther	Enter other source of information on fertilizer/micronutrient use	User entered text
q5275_sourceDAP	Source of purchase of DAP	InputDealer: InputDealer Cooperative: Cooperative

		VillageLevelShop: Village level shop India_for_Nepal: India for Nepal Other: Other
q5276_otherSourceDAP	Other source of purchase of DAP	User entered text
q5277_sourceNPK	Source of purchase of NPK product	InputDealer: InputDealer Cooperative: Cooperative VillageLevelShop: Village level shop India_for_Nepal: India for Nepal Other: Other
q5278_otherSourceNPK	Other source of purchase of NPK product	User entered text
q5279_sourceUrea	Source of purchase of Urea	InputDealer: InputDealer Cooperative: Cooperative VillageLevelShop: Village level shop India_for_Nepal: India for Nepal Other: Other
q5280_otherSourceUrea	Other source of purchase of Urea	User entered text
q5281_sourceZnSO4	Source of purchase of ZnSO4	InputDealer: InputDealer Cooperative: Cooperative VillageLevelShop: Village level shop India_for_Nepal: India for Nepal Other: Other
q5282_otherSourceZnSO4	Other source of purchase of ZnSO4	User entered text
q5283_sourceGypsum	Source of purchase of Gypsum	InputDealer: InputDealer Cooperative: Cooperative VillageLevelShop: Village level shop India_for_Nepal: India for Nepal Other: Other
q5284_otherSourceGypsum	Other source of purchase of Gypsum	User entered text

q5285_sourceBoron	Source of purchase of Boron	InputDealer: InputDealer Cooperative: Cooperative VillageLevelShop: Village level shop India_for_Nepal: India for Nepal Other: Other
q5286_otherSourceBoron	Other source of purchase of Boron	User entered text
q5287_fertOnTime	Is fertilizer / micronutrients generally available on time?	yes: Yes no: No
q5288_avgDelayWeeks	If 'no', average delay in fertilizer availability in weeks (single select)	1: 1 2: 2 3: 3 4: 4 5: 5 6: 6 7: 7 8: 8 9: 9 10: 10
G	Hidden from user	
q5301_irrigAvail	Is irrigation available for ${9}__${8} plot for ${1}?	yes: Yes no: No
q5302_irrigSource	Source of irrigation for ${9}__${8} plot for ${1} (multiple select)	River: River Canal: Canal Pond: Pond ShallowTubeWell: Shallow TubeWell DeepTubeWell: Deep TubeWell Lift: Lift Dugwell: Dugwell

		Tank: Tank Other: Other
q5303_irrigOtherSource	Other source of irrigation for ${9}__${8} plot for ${1}	User entered text
q5304_irrigGrthStage	At what stage was irrigation applied in ${9}__${8} plot for ${1}? (multiple select)	PreSeeding: Pre seeding CRI: Crown Root Initiation (20 - 25 days) Tillering: Tillering (40 - 45 days) Jointing: Jointing (60 - 65 days) Flowering: Flowering (80 - 85 days) Milking: Milking (100- 105 days) Dough: Dough (115 - 120 days) None: None PreSeeding: Pre seeding TilleringInitiation: Tillering Initiation Tillering: Tillering PanicIenitiation: Panicle initiation BootLeafStage: Boot Leaf Stage Heading_PanicleEmergence: Heading (Panicle Emergence) Flowering: Flowering FloweringToMaturity: Flowering to maturity None: None PreSeeding: Pre seeding VegetativeEmergence: Vegetative emergence KneeHigh: Knee high PreTasseling: Pre Tasseling Flowering: Flowering GrainFlowering: Grain flowering None: None
q5305_irrigTimes	Number of times of irrigation applied after crop establishment in ${9}__${8} plot for ${1} (single select)	0: 0 1: 1

		2 | 2 3 | 3 4 | 4 5 | 5 6 | 6 7 | 7 8 | 8 9 | 9 10 | 10 11 | 11 12 | 12 13 | 13
q5306_drySpellReason	If irrigation was not applied during all specified stages (for wheat and other relevant crops) and dry spell (for rice under rainfed condition) periods, why? (multiple select)	SufficientRainfall | Sufficient rainfall this year HighIrrigCost | Cost of irrigation too high InfraAvailableWaterNot | Irrigation infrastructure present but water unavailable DeepWaterTable | Water table too deep ElectricityFailure | Electricity failure Other | Other NotApplicable | Not Applicable
q5307_drySpellOther	Enter other dry spell reason	User entered text
H	Hidden from user	
q5401_irrigDecision	How do you decide when to irrigate the ${9}__${8} for ${1}? (multiple select)	CropCalendar | Crop calendar CropGrowthStage | Crop growth stage RainfallEvent | Rainfall event WaterAvailability | Water availability SoilMoistureCondition | Soil moisture condition Other | Other
q5402_irrigOtherDecsn	Enter other decision to irrigate the ${9}__${8} plot for ${1}	User entered text

q5403_notIrrigReason	If ${9}__${8} plot was not irrigated when required, why? (multiple select)	Expensive: Expensive SufficientRainfall: Sufficient Rainfall IrrigNotRequired: Irrigation not required WaterNotAvailable: Water not available when required PumpNotAvailable: Pump not available when required Other: Other
q5404_notIrrigOther	Enter other reason for not irrigating ${9}__${8} plot when required	User entered text
q5405_tubewellDepthFeet	Depth of tubewell in FEET used to irrigate ${9}__${8} plot	User entered decimal
pumpUse	Did ${0} use pump to irrigate ${9}__${8} plot?	yes: Yes no: No
q5406_pumpEnergy	Energy source for the pump	Electricity: Electricity Diesel: Diesel BothElectricDiesel: Both electricity and diesel
q5407_layFlatPipe	Did you use lay – flat pipe to irrigate the ${9}__${8} plot?	yes: Yes no: No
I	Hidden from user	
q5501_droughtGS	In which growth stage(s) did drought affect the crop? (in in ${9}__${8}) (multiple select)	CRI: Crown Root Initiation (20 - 25 days) Tillering: Tillering (40 - 45 days) Jointing: Jointing (60 - 65 days) Flowering: Flowering (80 - 85 days) Milking: Milking (100- 105 days) Dough: Dough (115 - 120 days) None: None TilleringInitiation: Tillering Initiation

		Tillering: Tillering PanicleInitiation: Panicle initiation BootLeafStage: Boot Leaf Stage Heading_PanicleEmergence: Heading (Panicle Emergence) Flowering: Flowering FloweringToMaturity: Flowering to maturity None: None VegetativeEmergence: Vegetative emergence KneeHigh: Knee high PreTasseling: Pre Tasseling Flowering: Flowering GrainFlowering: Grain flowering None: None
q5502_droughtSeverity	Severity of overall drought stress in ${9}__${8}	Low: Low Medium: Medium High: High None: None
q5503_floodGS	In which growth stage(s) did flood affect the crop? (in ${9}__${8}) (multiple select)	CRI: Crown Root Initiation (20 - 25 days) Tillering: Tillering (40 - 45 days) Jointing: Jointing (60 - 65 days) Flowering: Flowering (80 - 85 days) Milking: Milking (100- 105 days) Dough: Dough (115 - 120 days) None: None TilleringInitiation: Tillering Initiation Tillering: Tillering PanicleInitiation: Panicle initiation BootLeafStage: Boot Leaf Stage Heading_PanicleEmergence: Heading (Panicle

		Emergence)
		Flowering
		FloweringToMaturity
		None
		VegetativeEmergence
		KneeHigh
		PreTasseling
		Flowering
		GrainFlowering
		None

q5504_floodSeverity	Severity of overall flood damage in ${9}__${8}	Low Medium High None
q5505_weedSeverity	Severity of weed pressure in ${9}__${8}	Low Medium High None
q5506_insectSeverity	Severity of insect pressure in ${9}__${8}	Low Medium High None
q5507_insecticides	Were insecticides applied in ${9}__${8}?	yes no
q5508_insecticidesName	If yes, name of insecticides	User entered text
q5509_diseaseSeverity	Severity of disease pressure in ${9}__${8}	Low Medium High

Low	Low
Medium	Medium
High	High
None	None

Low	Low
Medium	Medium
High	High
None	None

Low	Low
Medium	Medium
High	High
None	None

yes	Yes
no	No

Low	Low
Medium	Medium
High	High

		None: None
q5510_pesticides	Were pesticides applied in ${9}__${8}?	yes: Yes no: No
q5511_pesticidesName	If yes, name of pesticides	User entered text
q5512_lodgingPercent	Percentage of crop that lodged (%) in ${9}__${8}	0: 0 5: 5 10: 10 20: 20 30: 30 40: 40 50: 50 60: 60 70: 70 80: 80 90: 90 100: 100
J	Hidden from user	
herbAppTimes	How many times did you apply herbicide in ${9}__${8}?	0: 0 1: 1 2: 2 3: 3
q5601_1herbName	Name of herbicide for first application in ${9}__${8}	User entered text
q5602_1herbAppDays	Time of herbicides' first application (days after crop establishment / sowing in ${9}__${8})	User entered integer
q5603_2herbName	Name of herbicide for second application in ${9}__${8}	User entered text
q5604_2herbAppDays	Time of herbicides' second application (days after crop establishment / sowing in in ${9}__${8})	User entered integer
q5605_3herbName	Name of herbicide for third application in ${9}__${8}	User entered text
q5606_3herbAppDays	Time of herbicides' third application (days after crop	User entered integer

	establishment / sowing in ${9}__${8})	
manualWeedTimes	How many times did you do manual weeding in ${9}__${8}?	0 → 0 1 → 1 2 → 2 3 → 3
q5607_1manualWeeding	Time of first manual weeding (days after crop establishment / sowing in ${9}__${8})	User entered integer
q5608_2manualWeeding	Time of second manual weeding (days after crop establishment / sowing in ${9}__${8})	User entered integer
q5609_3manualWeeding	Time of third manual weeding (days after crop establishment / sowing in ${9}__${8})	User entered integer
K	Hidden from user	
q5701_topTenWeeds	Identify top ten weeds for surveyed crop in the largest plot based on severity, occurrence and damage in ${9}__${8} (multiple select)	Rc_Echinochloa_crusgalli → RiceWeed_1 Rc_Echinochloa_colona → RiceWeed_2 Rc_Ischaemum_rugosum → RiceWeed_3 Rc_Dactyloctenium_aegyptium → RiceWeed_4 Rc_Leptochloa_species → RiceWeed_5 Rc_Eleusine_indica → RiceWeed_6 Rc_Paspalum_distichium → RiceWeed_7 Rc_Brachiaria_reptans → RiceWeed_8 Rc_Cynadon_dactylon → RiceWeed_9 Rc_Rottboellia_cochinchinensis → RiceWeed_10 Rc_Digitaria_ciliaris → RiceWeed_11 Rc_Leersia_hexandra → RiceWeed_12 Rc_Weedy_rice → RiceWeed_13 Rc_Eragrostis_japonica → RiceWeed_14 Rc_Eragrostis_tenella → RiceWeed_15 Rc_Sphenochlea_zeylanica → RiceWeed_16 Rc_Ludwigia_hyssopifolia → RiceWeed_17 Rc_Ludwigia_adscendens → RiceWeed_18 Rc_Ludwigia_octovalvis → RiceWeed_19 Rc_Ammania_spp → RiceWeed_20 Rc_Monochoria_vaginalis → RiceWeed_21

Rc_Lindernia_species	RiceWeed_22
Rc_Pistia_stratiotes	RiceWeed_23
Rc_Eichhornia_crassipes	RiceWeed_24
Rc_Commelina_benghalensis	RiceWeed_25
Rc_Commelina_diffusa	RiceWeed_26
Rc_Alternenthera_philoxeroides	RiceWeed_27
Rc_Alternenthera_sessils	RiceWeed_28
Rc_Caesulia_axillaris	RiceWeed_29
Rc_Sagittaria_spp	RiceWeed_30
Rc_Marsilea_minuta	RiceWeed_31
Rc_Ipomoea_aquatic	RiceWeed_32
Rc_Eclipta_prostrate	RiceWeed_33
Rc_Ageratum_conyzoides	RiceWeed_34
Rc_Physallis_micrantha	RiceWeed_35
Rc_Aeschynomene_indica	RiceWeed_36
Rc_Trianthema_portulacastrum	RiceWeed_37
Rc_Portulaca_oleracea	RiceWeed_38
Rc_Phylanthus_niruri	RiceWeed_39
Rc_Euphorbia_hirta	RiceWeed_40
Rc_Euphorbia_thymifolia	RiceWeed_41
Rc_Cyperus_difformis	RiceWeed_42
Rc_Cyperus_iria	RiceWeed_43
Rc_Scirpus_juncoides	RiceWeed_44
Rc_Cyperus_rotundus	RiceWeed_45
Rc_Fimbristylis_spp	RiceWeed_46
Rc_Other	Other
Wh_Phalaris_minor	WheatWeed_1
Wh_Polypogon_monspeliensis	WheatWeed_2
Wh_Poa_annua	WheatWeed_3
Wh_Avena_ludoviciana	WheatWeed_4
Wh_Cynadon_dactylon	WheatWeed_5
Wh_Chenopodium_album	WheatWeed_6
Wh_Anagalis_arvensis	WheatWeed_7

		Wh_Melilotus_indica	WheatWeed_8
		Wh_Medicago_denticulate	WheatWeed_9
		Wh_Rumex_dentatus	WheatWeed_10
		Wh_Amaranthus_spinosus	WheatWeed_11
		Wh_Xanthium_strumarium	WheatWeed_12
		Wh_Lathyrus_aphaca	WheatWeed_13
		Wh_Coronopus_didymus	WheatWeed_14
		Wh_Fumaria_parviflora	WheatWeed_15
		Wh_Convolvulus_arvensis	WheatWeed_16
		Wh_Malwa_parviflora	WheatWeed_17
		Wh_Cirsium_arvense	WheatWeed_18
		Wh_Argemone_mexicana	WheatWeed_19
		Wh_Solanum_spp	WheatWeed_20
		Wh_Cannabis_sativa	WheatWeed_21
		Wh_Gnaphalium_purpurium	WheatWeed_22
		Wh_Spergula_arvensis	WheatWeed_23
		Wh_Oxalis_corniculata	WheatWeed_24
		Wh_Vicia_sativa	WheatWeed_25
		Wh_Parthenium_hysterophorus	WheatWeed_26
		Wh_Euphorbia_helioscopia	WheatWeed_27
		Wh_Amaranthus_viridis	WheatWeed_28
		Wh_Other	Other
q5702_top1stWeed	Rank the first weed based on severity of damage in ${9}__${8}	Rc_Echinochloa_crusgalli	RiceWeed_1
		Rc_Echinochloa_colona	RiceWeed_2
		Rc_Ischaemum_rugosum	RiceWeed_3
		Rc_Dactyloctenium_aegyptium	RiceWeed_4
		Rc_Leptochloa_species	RiceWeed_5
		Rc_Eleusine_indica	RiceWeed_6
		Rc_Paspalum_distichium	RiceWeed_7
		Rc_Brachiaria_reptans	RiceWeed_8
		Rc_Cynadon_dactylon	RiceWeed_9
		Rc_Rottboellia_cochinchinensis	RiceWeed_10

Rc_Digitaria_ciliaris	RiceWeed_11
Rc_Leersia_hexandra	RiceWeed_12
Rc_Weedy_rice	RiceWeed_13
Rc_Eragrostis_japonica	RiceWeed_14
Rc_Eragrostis_tenella	RiceWeed_15
Rc_Sphenochlea_zeylanica	RiceWeed_16
Rc_Ludwigia_hyssopifolia	RiceWeed_17
Rc_Ludwigia_adscendens	RiceWeed_18
Rc_Ludwigia_octovalvis	RiceWeed_19
Rc_Ammania_spp	RiceWeed_20
Rc_Monochoria_vaginalis	RiceWeed_21
Rc_Lindernia_species	RiceWeed_22
Rc_Pistia_stratiotes	RiceWeed_23
Rc_Eichhornia_crassipes	RiceWeed_24
Rc_Commelina_benghalensis	RiceWeed_25
Rc_Commelina_diffusa	RiceWeed_26
Rc_Alternenthera_philoxeroides	RiceWeed_27
Rc_Alternenthera_sessils	RiceWeed_28
Rc_Caesulia_axillaris	RiceWeed_29
Rc_Sagittaria_spp	RiceWeed_30
Rc_Marsilea_minuta	RiceWeed_31
Rc_Ipomoea_aquatic	RiceWeed_32
Rc_Eclipta_prostrate	RiceWeed_33
Rc_Ageratum_conyzoides	RiceWeed_34
Rc_Physallis_micrantha	RiceWeed_35
Rc_Aeschynomene_indica	RiceWeed_36
Rc_Trianthema_portulacastrum	RiceWeed_37
Rc_Portulaca_oleracea	RiceWeed_38
Rc_Phylanthus_niruri	RiceWeed_39
Rc_Euphorbia_hirta	RiceWeed_40
Rc_Euphorbia_thymifolia	RiceWeed_41
Rc_Cyperus_difformis	RiceWeed_42
Rc_Cyperus_iria	RiceWeed_43

Rc_Scirpus_juncoides	RiceWeed_44
Rc_Cyperus_rotundus	RiceWeed_45
Rc_Fimbristylis_spp	RiceWeed_46
Rc_Other	Other
Wh_Phalaris_minor	WheatWeed_1
Wh_Polypogon_monspeliensis	WheatWeed_2
Wh_Poa_annua	WheatWeed_3
Wh_Avena_ludoviciana	WheatWeed_4
Wh_Cynadon_dactylon	WheatWeed_5
Wh_Chenopodium_album	WheatWeed_6
Wh_Anagalis_arvensis	WheatWeed_7
Wh_Melilotus_indica	WheatWeed_8
Wh_Medicago_denticulate	WheatWeed_9
Wh_Rumex_dentatus	WheatWeed_10
Wh_Amaranthus_spinosus	WheatWeed_11
Wh_Xanthium_strumarium	WheatWeed_12
Wh_Lathyrus_aphaca	WheatWeed_13
Wh_Coronopus_didymus	WheatWeed_14
Wh_Fumaria_parviflora	WheatWeed_15
Wh_Convolvulus_arvensis	WheatWeed_16
Wh_Malwa_parviflora	WheatWeed_17
Wh_Cirsium_arvense	WheatWeed_18
Wh_Argemone_mexicana	WheatWeed_19
Wh_Solanum_spp	WheatWeed_20
Wh_Cannabis_sativa	WheatWeed_21
Wh_Gnaphalium_purpurium	WheatWeed_22
Wh_Spergula_arvensis	WheatWeed_23
Wh_Oxalis_corniculata	WheatWeed_24
Wh_Vicia_sativa	WheatWeed_25
Wh_Parthenium_hysterophorus	WheatWeed_26
Wh_Euphorbia_helioscopia	WheatWeed_27
Wh_Amaranthus_viridis	WheatWeed_28
Wh_Other	Other

q5703_top2ndWeed	Rank the second weed based on severity of damage in ${9}__${8}	

Rc_Echinochloa_crusgalli	RiceWeed_1
Rc_Echinochloa_colona	RiceWeed_2
Rc_Ischaemum_rugosum	RiceWeed_3
Rc_Dactyloctenium_aegyptium	RiceWeed_4
Rc_Leptochloa_species	RiceWeed_5
Rc_Eleusine_indica	RiceWeed_6
Rc_Paspalum_distichium	RiceWeed_7
Rc_Brachiaria_reptans	RiceWeed_8
Rc_Cynadon_dactylon	RiceWeed_9
Rc_Rottboellia_cochinchinensis	RiceWeed_10
Rc_Digitaria_ciliaris	RiceWeed_11
Rc_Leersia_hexandra	RiceWeed_12
Rc_Weedy_rice	RiceWeed_13
Rc_Eragrostis_japonica	RiceWeed_14
Rc_Eragrostis_tenella	RiceWeed_15
Rc_Sphenochlea_zeylanica	RiceWeed_16
Rc_Ludwigia_hyssopifolia	RiceWeed_17
Rc_Ludwigia_adscendens	RiceWeed_18
Rc_Ludwigia_octovalvis	RiceWeed_19
Rc_Ammania_spp	RiceWeed_20
Rc_Monochoria_vaginalis	RiceWeed_21
Rc_Lindernia_species	RiceWeed_22
Rc_Pistia_stratiotes	RiceWeed_23
Rc_Eichhornia_crassipes	RiceWeed_24
Rc_Commelina_benghalensis	RiceWeed_25
Rc_Commelina_diffusa	RiceWeed_26
Rc_Alternenthera_philoxeroides	RiceWeed_27
Rc_Alternenthera_sessils	RiceWeed_28
Rc_Caesulia_axillaris	RiceWeed_29
Rc_Sagittaria_spp	RiceWeed_30
Rc_Marsilea_minuta	RiceWeed_31
Rc_Ipomoea_aquatic	RiceWeed_32

Rc_Eclipta_prostrate	RiceWeed_33
Rc_Ageratum_conyzoides	RiceWeed_34
Rc_Physallis_micrantha	RiceWeed_35
Rc_Aeschynomene_indica	RiceWeed_36
Rc_Trianthema_portulacastrum	RiceWeed_37
Rc_Portulaca_oleracea	RiceWeed_38
Rc_Phylanthus_niruri	RiceWeed_39
Rc_Euphorbia_hirta	RiceWeed_40
Rc_Euphorbia_thymifolia	RiceWeed_41
Rc_Cyperus_difformis	RiceWeed_42
Rc_Cyperus_iria	RiceWeed_43
Rc_Scirpus_juncoides	RiceWeed_44
Rc_Cyperus_rotundus	RiceWeed_45
Rc_Fimbristylis_spp	RiceWeed_46
Rc_Other	Other
Wh_Phalaris_minor	WheatWeed_1
Wh_Polypogon_monspeliensis	WheatWeed_2
Wh_Poa_annua	WheatWeed_3
Wh_Avena_ludoviciana	WheatWeed_4
Wh_Cynadon_dactylon	WheatWeed_5
Wh_Chenopodium_album	WheatWeed_6
Wh_Anagalis_arvensis	WheatWeed_7
Wh_Melilotus_indica	WheatWeed_8
Wh_Medicago_denticulate	WheatWeed_9
Wh_Rumex_dentatus	WheatWeed_10
Wh_Amaranthus_spinosus	WheatWeed_11
Wh_Xanthium_strumarium	WheatWeed_12
Wh_Lathyrus_aphaca	WheatWeed_13
Wh_Coronopus_didymus	WheatWeed_14
Wh_Fumaria_parviflora	WheatWeed_15
Wh_Convolvulus_arvensis	WheatWeed_16
Wh_Malwa_parviflora	WheatWeed_17
Wh_Cirsium_arvense	WheatWeed_18

		Wh_Argemone_mexicana	WheatWeed_19
		Wh_Solanum_spp	WheatWeed_20
		Wh_Cannabis_sativa	WheatWeed_21
		Wh_Gnaphalium_purpurium	WheatWeed_22
		Wh_Spergula_arvensis	WheatWeed_23
		Wh_Oxalis_corniculata	WheatWeed_24
		Wh_Vicia_sativa	WheatWeed_25
		Wh_Parthenium_hysterophorus	WheatWeed_26
		Wh_Euphorbia_helioscopia	WheatWeed_27
		Wh_Amaranthus_viridis	WheatWeed_28
		Wh_Other	Other
q5704_top3rdWeed	Rank the third weed based on severity of damage in ${9}__${8}	Rc_Echinochloa_crusgalli	RiceWeed_1
		Rc_Echinochloa_colona	RiceWeed_2
		Rc_Ischaemum_rugosum	RiceWeed_3
		Rc_Dactyloctenium_aegyptium	RiceWeed_4
		Rc_Leptochloa_species	RiceWeed_5
		Rc_Eleusine_indica	RiceWeed_6
		Rc_Paspalum_distichium	RiceWeed_7
		Rc_Brachiaria_reptans	RiceWeed_8
		Rc_Cynadon_dactylon	RiceWeed_9
		Rc_Rottboellia_cochinchinensis	RiceWeed_10
		Rc_Digitaria_ciliaris	RiceWeed_11
		Rc_Leersia_hexandra	RiceWeed_12
		Rc_Weedy_rice	RiceWeed_13
		Rc_Eragrostis_japonica	RiceWeed_14
		Rc_Eragrostis_tenella	RiceWeed_15
		Rc_Sphenochlea_zeylanica	RiceWeed_16
		Rc_Ludwigia_hyssopifolia	RiceWeed_17
		Rc_Ludwigia_adscendens	RiceWeed_18
		Rc_Ludwigia_octovalvis	RiceWeed_19
		Rc_Ammania_spp	RiceWeed_20
		Rc_Monochoria_vaginalis	RiceWeed_21

Rc_Lindernia_species	RiceWeed_22
Rc_Pistia_stratiotes	RiceWeed_23
Rc_Eichhornia_crassipes	RiceWeed_24
Rc_Commelina_benghalensis	RiceWeed_25
Rc_Commelina_diffusa	RiceWeed_26
Rc_Alternenthera_philoxeroides	RiceWeed_27
Rc_Alternenthera_sessils	RiceWeed_28
Rc_Caesulia_axillaris	RiceWeed_29
Rc_Sagittaria_spp	RiceWeed_30
Rc_Marsilea_minuta	RiceWeed_31
Rc_Ipomoea_aquatic	RiceWeed_32
Rc_Eclipta_prostrate	RiceWeed_33
Rc_Ageratum_conyzoides	RiceWeed_34
Rc_Physallis_micrantha	RiceWeed_35
Rc_Aeschynomene_indica	RiceWeed_36
Rc_Trianthema_portulacastrum	RiceWeed_37
Rc_Portulaca_oleracea	RiceWeed_38
Rc_Phylanthus_niruri	RiceWeed_39
Rc_Euphorbia_hirta	RiceWeed_40
Rc_Euphorbia_thymifolia	RiceWeed_41
Rc_Cyperus_difformis	RiceWeed_42
Rc_Cyperus_iria	RiceWeed_43
Rc_Scirpus_juncoides	RiceWeed_44
Rc_Cyperus_rotundus	RiceWeed_45
Rc_Fimbristylis_spp	RiceWeed_46
Rc_Other	Other
Wh_Phalaris_minor	WheatWeed_1
Wh_Polypogon_monspeliensis	WheatWeed_2
Wh_Poa_annua	WheatWeed_3
Wh_Avena_ludoviciana	WheatWeed_4
Wh_Cynadon_dactylon	WheatWeed_5
Wh_Chenopodium_album	WheatWeed_6
Wh_Anagalis_arvensis	WheatWeed_7

		Wh_Melilotus_indica	WheatWeed_8
		Wh_Medicago_denticulate	WheatWeed_9
		Wh_Rumex_dentatus	WheatWeed_10
		Wh_Amaranthus_spinosus	WheatWeed_11
		Wh_Xanthium_strumarium	WheatWeed_12
		Wh_Lathyrus_aphaca	WheatWeed_13
		Wh_Coronopus_didymus	WheatWeed_14
		Wh_Fumaria_parviflora	WheatWeed_15
		Wh_Convolvulus_arvensis	WheatWeed_16
		Wh_Malwa_parviflora	WheatWeed_17
		Wh_Cirsium_arvense	WheatWeed_18
		Wh_Argemone_mexicana	WheatWeed_19
		Wh_Solanum_spp	WheatWeed_20
		Wh_Cannabis_sativa	WheatWeed_21
		Wh_Gnaphalium_purpurium	WheatWeed_22
		Wh_Spergula_arvensis	WheatWeed_23
		Wh_Oxalis_corniculata	WheatWeed_24
		Wh_Vicia_sativa	WheatWeed_25
		Wh_Parthenium_hysterophorus	WheatWeed_26
		Wh_Euphorbia_helioscopia	WheatWeed_27
		Wh_Amaranthus_viridis	WheatWeed_28
		Wh_Other	Other
q5705_top4thWeed	Rank the fourth weed based on severity of damage in ${9}__${8}	Rc_Echinochloa_crusgalli	RiceWeed_1
		Rc_Echinochloa_colona	RiceWeed_2
		Rc_Ischaemum_rugosum	RiceWeed_3
		Rc_Dactyloctenium_aegyptium	RiceWeed_4
		Rc_Leptochloa_species	RiceWeed_5
		Rc_Eleusine_indica	RiceWeed_6
		Rc_Paspalum_distichium	RiceWeed_7
		Rc_Brachiaria_reptans	RiceWeed_8
		Rc_Cynadon_dactylon	RiceWeed_9
		Rc_Rottboellia_cochinchinensis	RiceWeed_10

Rc_Digitaria_ciliaris	RiceWeed_11
Rc_Leersia_hexandra	RiceWeed_12
Rc_Weedy_rice	RiceWeed_13
Rc_Eragrostis_japonica	RiceWeed_14
Rc_Eragrostis_tenella	RiceWeed_15
Rc_Sphenochlea_zeylanica	RiceWeed_16
Rc_Ludwigia_hyssopifolia	RiceWeed_17
Rc_Ludwigia_adscendens	RiceWeed_18
Rc_Ludwigia_octovalvis	RiceWeed_19
Rc_Ammania_spp	RiceWeed_20
Rc_Monochoria_vaginalis	RiceWeed_21
Rc_Lindernia_species	RiceWeed_22
Rc_Pistia_stratiotes	RiceWeed_23
Rc_Eichhornia_crassipes	RiceWeed_24
Rc_Commelina_benghalensis	RiceWeed_25
Rc_Commelina_diffusa	RiceWeed_26
Rc_Alternenthera_philoxeroides	RiceWeed_27
Rc_Alternenthera_sessils	RiceWeed_28
Rc_Caesulia_axillaris	RiceWeed_29
Rc_Sagittaria_spp	RiceWeed_30
Rc_Marsilea_minuta	RiceWeed_31
Rc_Ipomoea_aquatic	RiceWeed_32
Rc_Eclipta_prostrate	RiceWeed_33
Rc_Ageratum_conyzoides	RiceWeed_34
Rc_Physallis_micrantha	RiceWeed_35
Rc_Aeschynomene_indica	RiceWeed_36
Rc_Trianthema_portulacastrum	RiceWeed_37
Rc_Portulaca_oleracea	RiceWeed_38
Rc_Phylanthus_niruri	RiceWeed_39
Rc_Euphorbia_hirta	RiceWeed_40
Rc_Euphorbia_thymifolia	RiceWeed_41
Rc_Cyperus_difformis	RiceWeed_42
Rc_Cyperus_iria	RiceWeed_43

Rc_Scirpus_juncoides	RiceWeed_44
Rc_Cyperus_rotundus	RiceWeed_45
Rc_Fimbristylis_spp	RiceWeed_46
Rc_Other	Other
Wh_Phalaris_minor	WheatWeed_1
Wh_Polypogon_monspeliensis	WheatWeed_2
Wh_Poa_annua	WheatWeed_3
Wh_Avena_ludoviciana	WheatWeed_4
Wh_Cynadon_dactylon	WheatWeed_5
Wh_Chenopodium_album	WheatWeed_6
Wh_Anagalis_arvensis	WheatWeed_7
Wh_Melilotus_indica	WheatWeed_8
Wh_Medicago_denticulate	WheatWeed_9
Wh_Rumex_dentatus	WheatWeed_10
Wh_Amaranthus_spinosus	WheatWeed_11
Wh_Xanthium_strumarium	WheatWeed_12
Wh_Lathyrus_aphaca	WheatWeed_13
Wh_Coronopus_didymus	WheatWeed_14
Wh_Fumaria_parviflora	WheatWeed_15
Wh_Convolvulus_arvensis	WheatWeed_16
Wh_Malwa_parviflora	WheatWeed_17
Wh_Cirsium_arvense	WheatWeed_18
Wh_Argemone_mexicana	WheatWeed_19
Wh_Solanum_spp	WheatWeed_20
Wh_Cannabis_sativa	WheatWeed_21
Wh_Gnaphalium_purpurium	WheatWeed_22
Wh_Spergula_arvensis	WheatWeed_23
Wh_Oxalis_corniculata	WheatWeed_24
Wh_Vicia_sativa	WheatWeed_25
Wh_Parthenium_hysterophorus	WheatWeed_26
Wh_Euphorbia_helioscopia	WheatWeed_27
Wh_Amaranthus_viridis	WheatWeed_28
Wh_Other	Other

q5706_top5thWeed	Rank the fifth weed based on severity of damage in ${9}__${8}	

Rc_Echinochloa_crusgalli	RiceWeed_1
Rc_Echinochloa_colona	RiceWeed_2
Rc_Ischaemum_rugosum	RiceWeed_3
Rc_Dactyloctenium_aegyptium	RiceWeed_4
Rc_Leptochloa_species	RiceWeed_5
Rc_Eleusine_indica	RiceWeed_6
Rc_Paspalum_distichium	RiceWeed_7
Rc_Brachiaria_reptans	RiceWeed_8
Rc_Cynadon_dactylon	RiceWeed_9
Rc_Rottboellia_cochinchinensis	RiceWeed_10
Rc_Digitaria_ciliaris	RiceWeed_11
Rc_Leersia_hexandra	RiceWeed_12
Rc_Weedy_rice	RiceWeed_13
Rc_Eragrostis_japonica	RiceWeed_14
Rc_Eragrostis_tenella	RiceWeed_15
Rc_Sphenochlea_zeylanica	RiceWeed_16
Rc_Ludwigia_hyssopifolia	RiceWeed_17
Rc_Ludwigia_adscendens	RiceWeed_18
Rc_Ludwigia_octovalvis	RiceWeed_19
Rc_Ammania_spp	RiceWeed_20
Rc_Monochoria_vaginalis	RiceWeed_21
Rc_Lindernia_species	RiceWeed_22
Rc_Pistia_stratiotes	RiceWeed_23
Rc_Eichhornia_crassipes	RiceWeed_24
Rc_Commelina_benghalensis	RiceWeed_25
Rc_Commelina_diffusa	RiceWeed_26
Rc_Alternenthera_philoxeroides	RiceWeed_27
Rc_Alternenthera_sessils	RiceWeed_28
Rc_Caesulia_axillaris	RiceWeed_29
Rc_Sagittaria_spp	RiceWeed_30
Rc_Marsilea_minuta	RiceWeed_31
Rc_Ipomoea_aquatic	RiceWeed_32

Rc_Eclipta_prostrate	RiceWeed_33
Rc_Ageratum_conyzoides	RiceWeed_34
Rc_Physallis_micrantha	RiceWeed_35
Rc_Aeschynomene_indica	RiceWeed_36
Rc_Trianthema_portulacastrum	RiceWeed_37
Rc_Portulaca_oleracea	RiceWeed_38
Rc_Phylanthus_niruri	RiceWeed_39
Rc_Euphorbia_hirta	RiceWeed_40
Rc_Euphorbia_thymifolia	RiceWeed_41
Rc_Cyperus_difformis	RiceWeed_42
Rc_Cyperus_iria	RiceWeed_43
Rc_Scirpus_juncoides	RiceWeed_44
Rc_Cyperus_rotundus	RiceWeed_45
Rc_Fimbristylis_spp	RiceWeed_46
Rc_Other	Other
Wh_Phalaris_minor	WheatWeed_1
Wh_Polypogon_monspeliensis	WheatWeed_2
Wh_Poa_annua	WheatWeed_3
Wh_Avena_ludoviciana	WheatWeed_4
Wh_Cynadon_dactylon	WheatWeed_5
Wh_Chenopodium_album	WheatWeed_6
Wh_Anagalis_arvensis	WheatWeed_7
Wh_Melilotus_indica	WheatWeed_8
Wh_Medicago_denticulate	WheatWeed_9
Wh_Rumex_dentatus	WheatWeed_10
Wh_Amaranthus_spinosus	WheatWeed_11
Wh_Xanthium_strumarium	WheatWeed_12
Wh_Lathyrus_aphaca	WheatWeed_13
Wh_Coronopus_didymus	WheatWeed_14
Wh_Fumaria_parviflora	WheatWeed_15
Wh_Convolvulus_arvensis	WheatWeed_16
Wh_Malwa_parviflora	WheatWeed_17
Wh_Cirsium_arvense	WheatWeed_18

		Wh_Argemone_mexicana: WheatWeed_19 Wh_Solanum_spp: WheatWeed_20 Wh_Cannabis_sativa: WheatWeed_21 Wh_Gnaphalium_purpurium: WheatWeed_22 Wh_Spergula_arvensis: WheatWeed_23 Wh_Oxalis_corniculata: WheatWeed_24 Wh_Vicia_sativa: WheatWeed_25 Wh_Parthenium_hysterophorus: WheatWeed_26 Wh_Euphorbia_helioscopia: WheatWeed_27 Wh_Amaranthus_viridis: WheatWeed_28 Wh_Other: Other
L	Hidden from user	
harvDate	Harvest date of the crop in ${9}__${8}	User selected date
q601_harvestDate	Crop duration days (auto calculated)	User entered text
q602_harvestMethod	Harvesting method of the crop in ${9}__${8}	Combine: Combine Reaper: Reaper Manual: Manual
q603_residueBurnt	If combine harvester, did you burn the residue in ${9}__${8}?	yes: Yes no: No
q604_threshing	If reaper or manual, threshing method in ${9}__${8}	Manual: Manual Machine: Machine
q605_totalGrainYieldQUINTAL	Total ${1} yield from total cultivated land ${67} ${8} in QUINTAL (self – reported)	User entered decimal
q606_largestPlotYieldQUNITAL	Total ${1} yield from ${9}__${8} in QUINTAL (self –reported)	User entered decimal
quintalPerAcre	Qunital per acre (autocalculated)	User entered text
tonPerHectare	Ton per hectare (autocalculated)	User entered text
yldCheck	The total maturity duration for ${1} is __ days. Ensure that it is correct. The yield from ${9}__${8} plot for ${1} is: ${68} quintal per acre Or ${69} ton	User entered text

	per hectare If the yield seems reasonable please proceed ahead , else check the following: 1. Local land unit conversion rate to Acre 2. Largest plot size 3. Crop yield from the largest plot	
q607_farmGatePrice	What is the farm gate price per quintal for ${1} at the time of harvest? (Rs / Taka per quintal)	User entered decimal
q608_fiveYearGProd	How is the production compared of ${1} to the last five years?	HigherThanAvg: Higher than average Average: Average BelowAvg: Below average
M	Hidden from user	
q701_hhMember	Number of household members	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
q702_hhMemAg	Number of household members engaged in agriculture	1, 2, 3, 4, 5, 6, 7, 8, 9, 10

		11	11
		12	12
q703_marketSaleShare	Share of total ${1} crop production sold to market (%)	0	0
		5	5
		10	10
		20	20
		30	30
		40	40
		50	50
		60	60
		70	70
		80	80
		90	90
		100	100
q704_agIncomeShare	Share of total household income derived from agriculture (%) (approximate value over the last five years)	0	0
		5	5
		10	10
		20	20
		30	30
		40	40
		50	50
		60	60
		70	70
		80	80
		90	90
		100	100
q705_cropShareAg	Share of total agricultural income derived from ${1} crop (%)(approximate value over the last five years)	0	0
		5	5
		10	10
		20	20

		30 | 30 40 | 40 50 | 50 60 | 60 70 | 70 80 | 80 90 | 90 100 | 100
q706_cropSP	Current selling price for ${1} crop sold to market? (Rs/ quintal)	User entered decimal
q707_cropAvgSP	Average selling price for ${1} crop sold to market (Rs / quintal) (average over the last five years)	User entered decimal
q708_marketDistance	Distance to market (km)	User entered decimal
O	Hidden from user	
q801_newMgmtUse	Did you use new practices for surveyed crop management this season? (multiple select)	NutrientManagement | Nutrient Management CropEstablishment | Crop establishment VarietyReplacement | Variety replacement IrrigationManagement | Irrigation management WeedManagement | Weed management Other | Other None | None
largestPlotGPS	GPS from the center of the ${9}__${8} plot for ${1}.	User captured location coordinates
meta	Hidden from user	
instanceID	Hidden from user	
instanceName	Hidden from user	