

Publication

Mueke

Social Demographics

Social Demographics	Frequency
Age	
18-35	5 (1.8%)
36-50	198 (72%)
51-60	46 (17%)
Above 60	26 (9.5%)
Education_level	
no_schooling	7 (2.5%)
primary_education	116 (42%)
secondary_education	99 (36%)
college_training_certificate_diploma	41 (15%)
bachelor_degree_and_above	12 (4.4%)
Marital_status	
single	42 (15%)
married	216 (79%)
widowed	11 (4.0%)
separated	2 (0.7%)
divorced	3 (1.1%)
Household_income	
10000-20000	103 (38%)
5000-10000	111 (41%)
Below 5000	58 (21%)
Head_of_household	
female	38 (14%)
male	237 (86%)
farming_years	13

Biologicals Knowledge

```
# A tibble: 275 x 10
  pesticide_purpose fertilizer_purpose knows_pesticide_type
  <chr>           <chr>           <chr>
1 Insufficient    Insufficient      Insufficient
2 Sufficient      Sufficient        Sufficient
3 Sufficient      Sufficient        Insufficient
4 Sufficient      Sufficient        Insufficient
5 Sufficient      Sufficient        Insufficient
6 Insufficient    Insufficient      Insufficient
7 Sufficient      Sufficient        Sufficient
8 Sufficient      Sufficient        Insufficient
9 Insufficient    Sufficient        Insufficient
10 Sufficient     Sufficient        Insufficient
# i 265 more rows
# i 7 more variables: knows_pesticide_content <chr>,
#   human_healthy_effects <chr>, animal_healthy_effects <chr>,
#   environment_effects <chr>, crop_production_effects <chr>, mitigation <chr>,
#   input_choice <chr>
```

Biologicals Attitude

```
# A tibble: 275 x 9
  Biologicals_increase_yield_of~1 Biologicals_increase~2 biologicals_advantag~3
  <chr>                           <chr>                 <chr>
1 Preferrable                     Unpreferrable         Unpreferrable
2 Preferrable                     Preferrable            Unpreferrable
3 Preferrable                     Preferrable            Preferrable
4 Preferrable                     Unpreferrable         Preferrable
5 Preferrable                     Preferrable            Preferrable
6 Unpreferrable                   Preferrable            Preferrable
7 Preferrable                     Preferrable            Preferrable
8 Preferrable                     Preferrable            Preferrable
9 Preferrable                     Preferrable            Preferrable
10 Preferrable                    Preferrable            Preferrable
# i 265 more rows
# i abbreviated names: 1: Biologicals_increase_yield_of_crops,
#   2: Biologicals_increase_incomes, 3: biologicals_advantageous
# i 6 more variables: Biologicals_can_produce_healthy_food <chr>,
#   recommend_biologicals <chr>, government_support_biologicals <chr>,
#   Biologicals_risk_free <chr>, biologicals_environmentally_safe <chr>,
```

```
# biologicals_use_unconditional <chr>
```

Biologicals Practices

```
# A tibble: 275 x 7
```

	usse_agricultural_inputs	agricultural_input	bought_safer_pesticide
	<chr>	<chr>	<chr>
1	Valid	Valid	Invalid
2	Valid	Valid	Valid
3	Valid	Valid	Invalid
4	Valid	Valid	Invalid
5	Valid	Valid	Invalid
6	Valid	Valid	Invalid
7	Valid	Valid	Invalid
8	Valid	Valid	Invalid
9	Valid	Valid	Invalid
10	Valid	Valid	Invalid

```
# i 265 more rows
```

```
# i 4 more variables: Biological_use_times <chr>, use_biologicals <chr>,
```

```
# used_biologicals_last_farming_season <chr>, biologicals_use_frequency <chr>
```