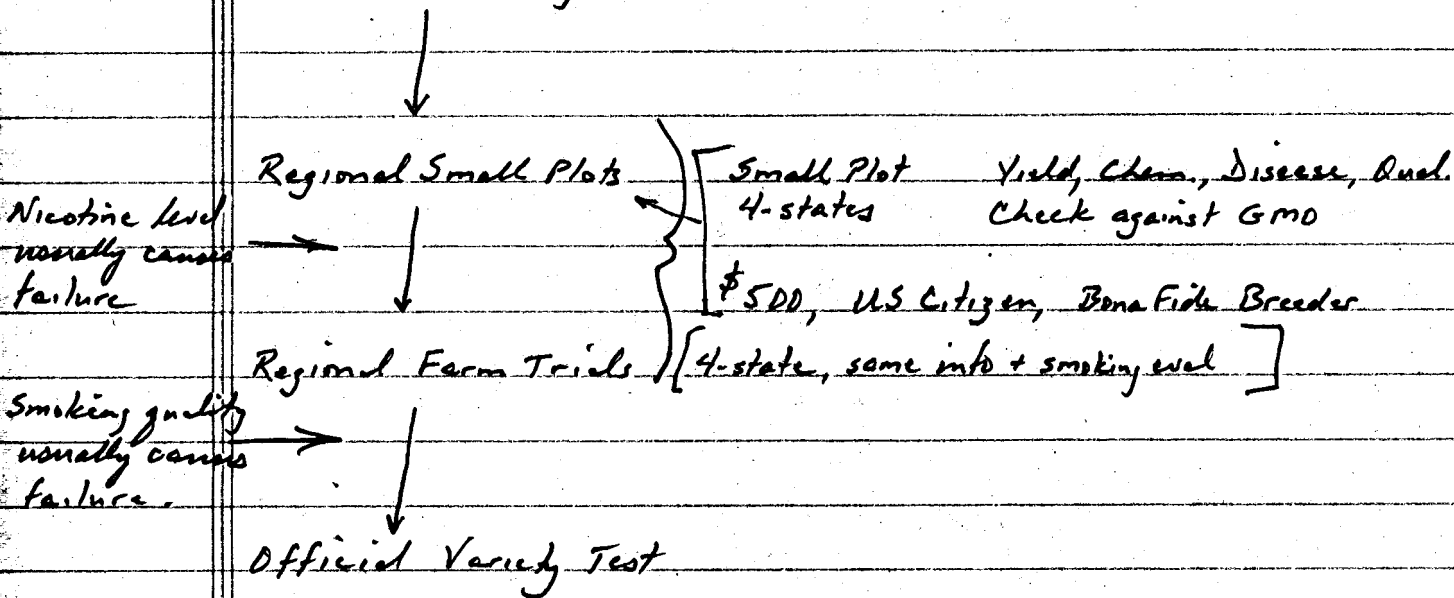


12-19-03

Mtg w/ Brian Smeaton

- Advanced Breeding Lines



- Low nicotine
- RJR 116 - same characteristics as 126 except high threonine
- Dimon approached RJRT to help them get seed into the program.

- R 27 → CC 27 (Eddie Baker) - Cross Creek Seed Co would enter into the OVT

$$\text{MS K326} \times \text{27 MM} = \text{R 27}$$
 (popular fluorescent) high disease resistance

$$\text{MS 27 MM} \times \text{High Threonine (RT)}$$

MS = Male Sterile

~~High Nic~~ ← RJR 126 (High Threonine) male sterile Zimbabwe

$$\text{MS 2} \times \text{120 BW}$$
 high threonine → Need to get to Male Sterile.

RJR 126 failed minimum standards (Low on nicotine)

Could improve on the line by breeding in further disease resistance, nematode

- Of potential interest to RJR could be further disease resistance in lines of choice.

Small Plot

- RJR 120 MS K326 x 120 BW (High threonine)
- more in line with the style of tob. US farmers are used to.

Small Plot

- RJR 113 } Ruffled Varieties
RJR 164 }

- RJR 224 - Simon trial

- Advantages of entering into RSP: RFT is the end of info at little expense (we don't have to manage the farming) → but must have the Breeder

Library -

- Low nicotine flue-cured w/ good disease resistance and quality
- Low nicotine burley - acceptable but could be improved on
- High nicotine lines
- Disease resistance
- Ruffled lines
- Quality
- High threonine

Keep plots at Avoca and Laskey that are disease prone such that future development can be done (fairly low cost - need contract w/ farmers to maintain)

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