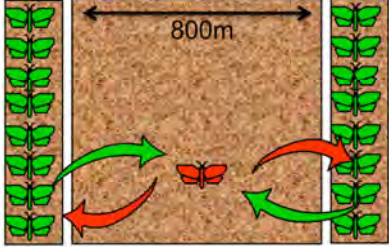


PLANT THE CORRECT REFUGE AREA FOR MAIZE

STEP 1: Choose the option best suited to your farm

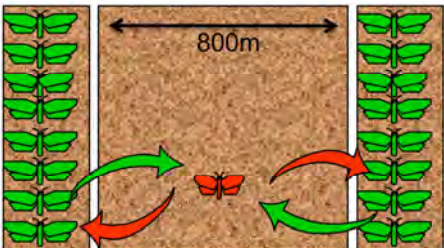
Option A

95% *Bt*, 5% non-*Bt*.
No chemical control of stalk borer in refuge.

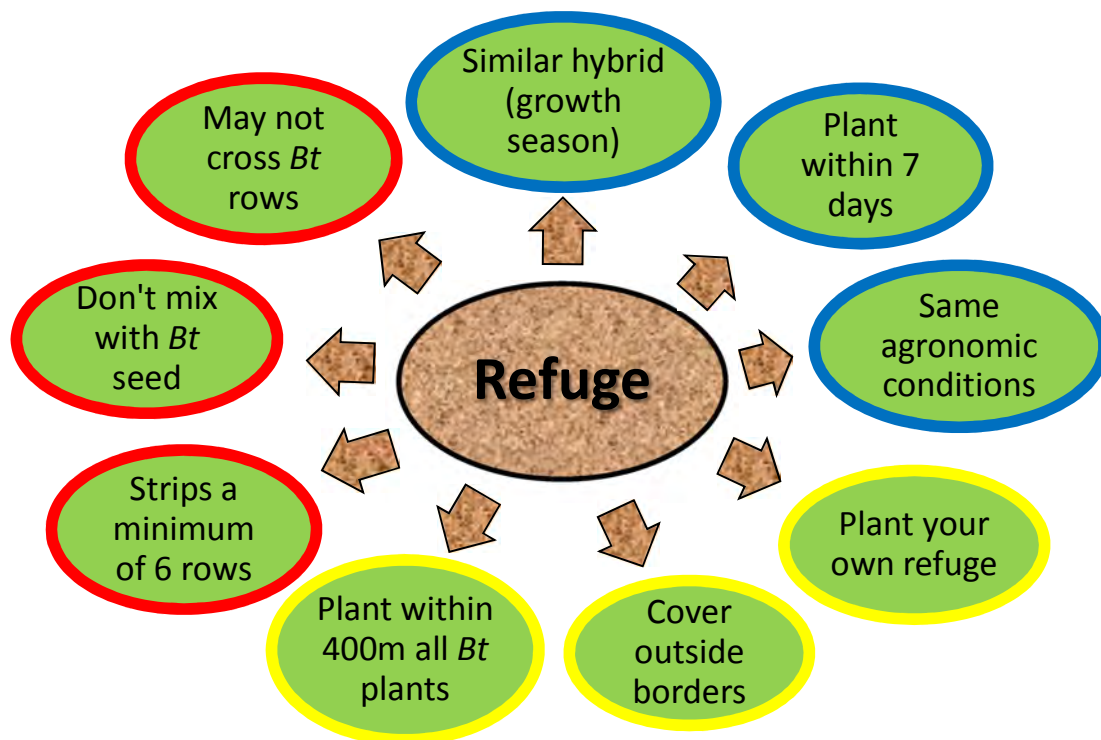
A diagram showing a central brown rectangular area representing a refuge, with a double-headed arrow above it labeled "800m". On either side of the refuge are two vertical strips of green maize plants. A red butterfly is positioned in the center of the refuge. Green arrows point from the refuge towards the *Bt* crop strips, and red arrows point from the *Bt* crop strips towards the refuge, indicating the movement of moths.

Option B

80% *Bt*, 20% non-*Bt*.
Chemical control of stalk borer in refuge allowed.

A diagram showing a central brown rectangular area representing a refuge, with a double-headed arrow above it labeled "800m". On either side of the refuge are two vertical strips of green maize plants. A red butterfly is positioned in the center of the refuge. Green arrows point from the refuge towards the *Bt* crop strips, and red arrows point from the *Bt* crop strips towards the refuge, indicating the movement of moths.

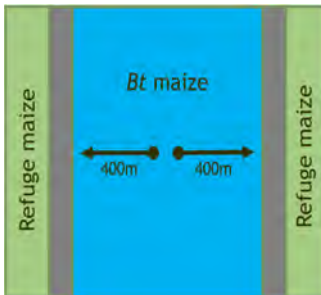
STEP 2: Depending on the option chosen above, your refuge must be planted in the following manner:



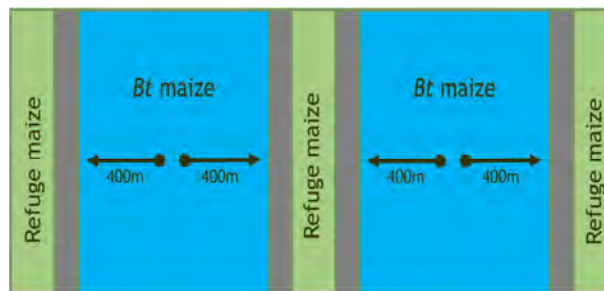
STEP 3: Scout your *Bt* crop regularly; if you observe more than 10% damage (Monsanto) or 5% (Syngenta) due to stalk borers – contact your seed representative immediately.

CORRECT LAYOUT OF THE REFUGE

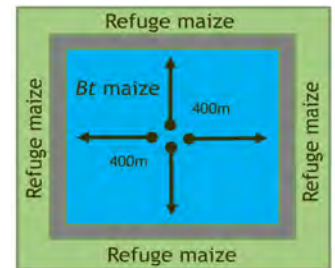
Block positioning



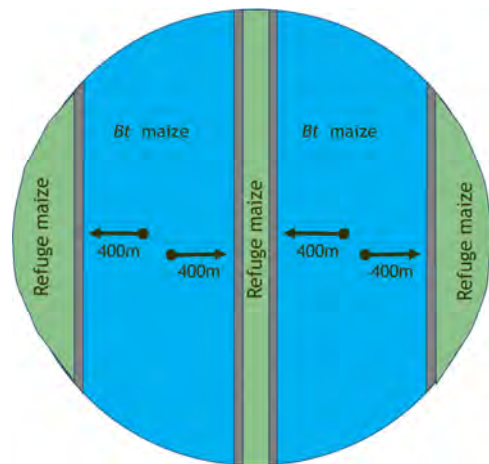
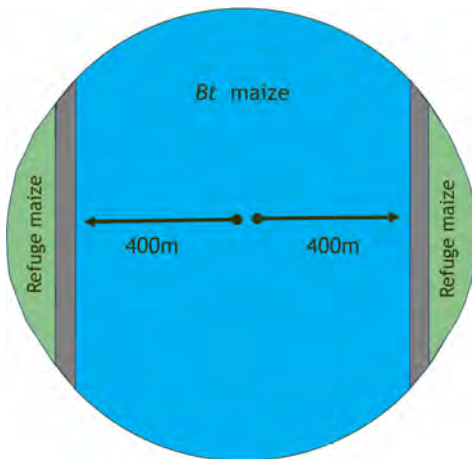
Strip positioning



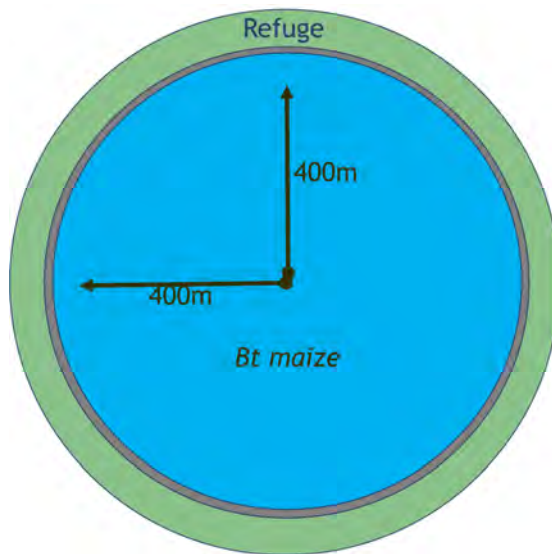
Perimeter positioning



Pivot positioning



Bordering of pivot



Pivot size		Minimum number of rows required per row width in m (5% refuge)					
		0.60	0.75	0.91	1.00	1.20	1.50
Radius (m)	ha	m	m	m	m	m	m
178	10	8	6	6	6	6	6
252	20	11	9	7	6	6	6
309	30	13	10	9	8	7	6
357	40	15	12	10	9	8	6
399	50	17	13	11	10	8	7
437	60	18	15	12	11	9	7
472	70	20	16	13	12	10	8
505	80	21	17	14	13	11	9
535	90	23	18	15	14	11	9
564	100	24	19	16	14	12	10
592	110	25	20	16	15	12	10
618	120	26	21	17	16	13	10