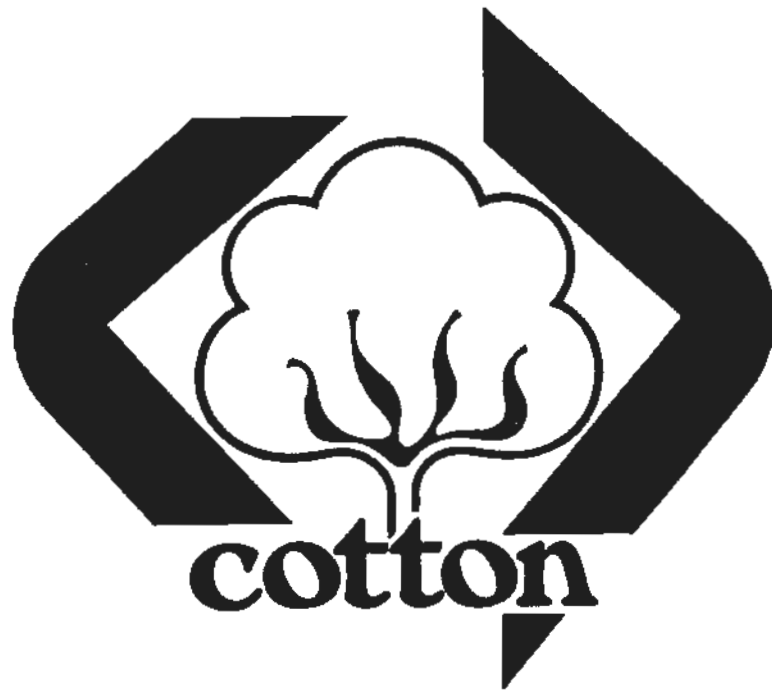


SIRATAC

END OF SEASON

REPORT

90/91



SUG 1990/91

The Siratac User Group had 26 subscribers covering 36 farms this season. The final total of hectares using the service was 38,693 ha., being 161 Management Units (MU's).

Regional hectares:	Namoi	7,099
	Gwydir	14,641
	Macquarie	12,106
	Macintyre	4,180
	St. George	667
		<u>38,693 ha</u>

Varieties:

Well there was a bit of everything.

Varieties grown: no. MU's

	Siokra	S324	DP90	Sicala	S L22	CS189	CS6S
Namoi	6	-	-	4	3	12	-
Gwydir	38	2	10	7	10	5	1
Macquarie	25	-	7	2	2	-	-
Macintyre	11	-	3	1	5	-	-
St. George	-	-	4	1	1	1	-

The Gwydir Valley had sufficient MU's to tally some averages and compare for new varieties. A graph is overpage...

Sprays:

	Average sprays/ha
Namoi	9.6
Gwydir	9.7
Macquarie	9.6
Macintyre	9.7
St George	9.1

Generally over 50% of sprays were with Endosulfan or Endosulfan mixes. Pyrethroids accounted for around 10 to 17% of sprays, depending on the region. More use of Carbamates and Profenofos, around 10% each, and sucking pest sprays at around 10%.

Insects:

A heavy year in some areas.

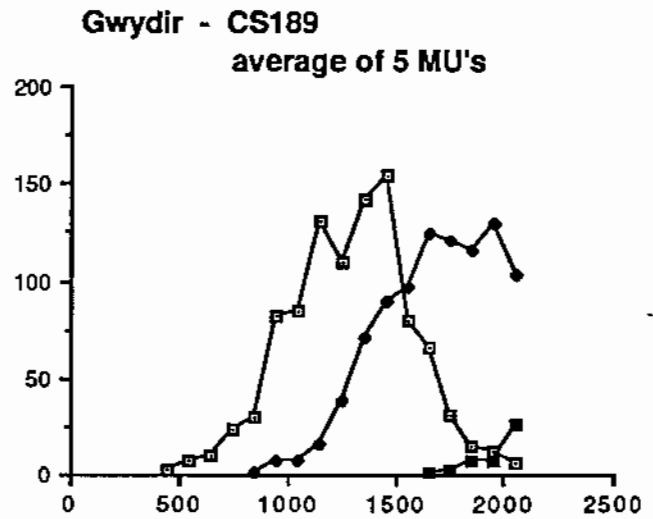
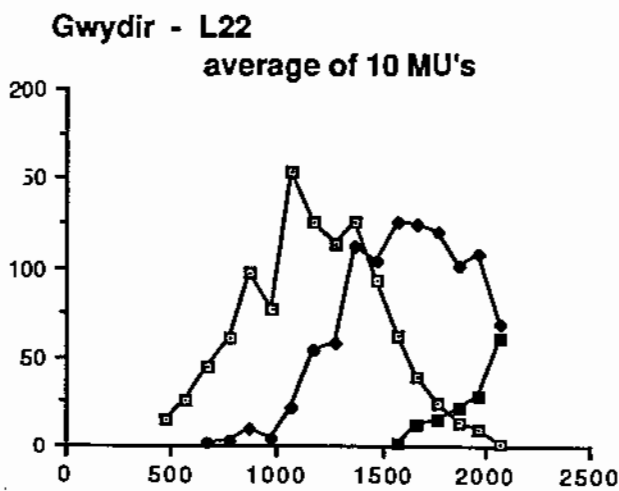
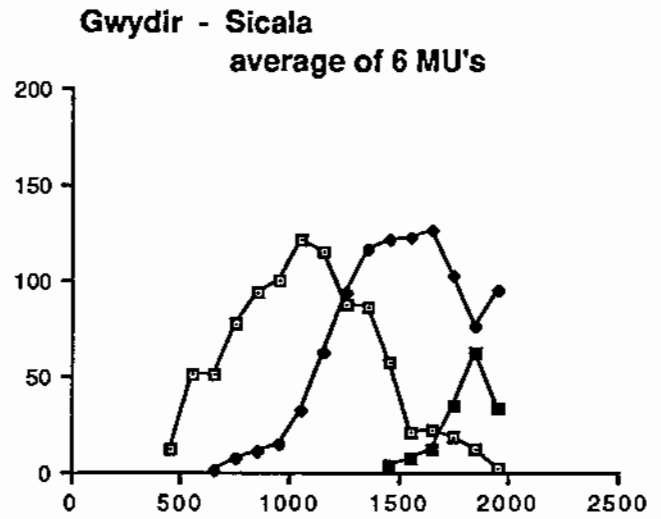
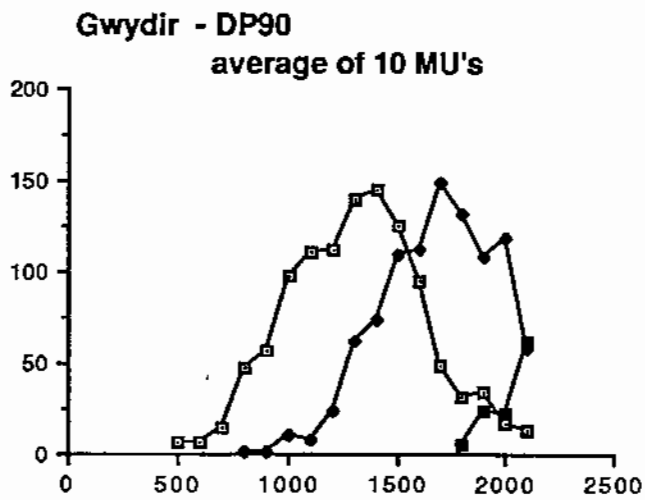
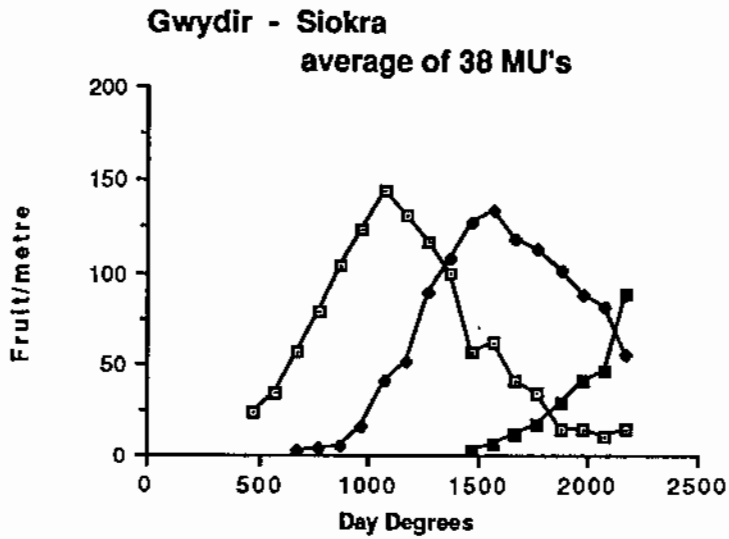
St George had some very high egg peaks, between 20 and 50, with a couple of records over the 100/m. Peaks of larvae around 3/m occurred 5 times.

In other regions, peaks of egg lays between 5 and 8 eggs/m, with lows of around 2 eggs/m, and larvae ranging between 1 and 2/m for most of the season. Gwydir experienced a build up in late March to 4 larvae/m, Macintyre a build up to 4/m in late February.

Weather:

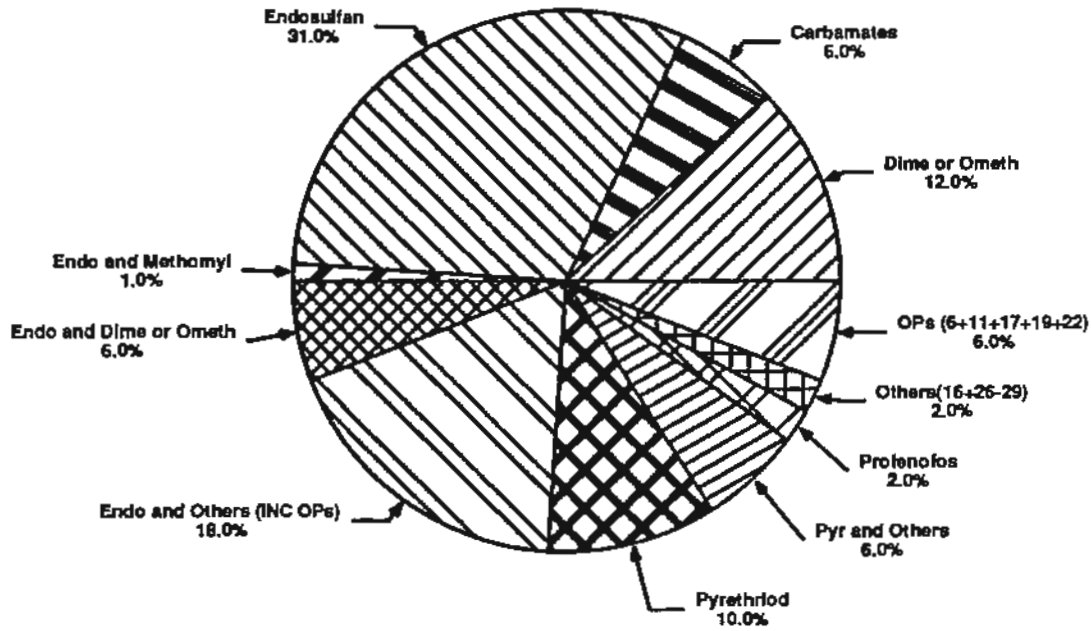
Most sites followed the same pattern...Warm and not too wet. Most locations received average weather for October, followed by hotter weather in Nov/Dec with more daydegrees than average. The rain in January seemed to bring the hot spell to an end. Most locations received around 100mms of rain in January or February, or both. February/March was generally a little warmer than average, and April closely mapping the average. April was a nice dry month for picking, with most areas receiving no rain at all.

I hope the season went well for you this year.
Regards, Carol Jeffries



VARIETY COMPARISONS IN THE GWYDIR

GWYDIR Sprays - Area Basis 1990/91

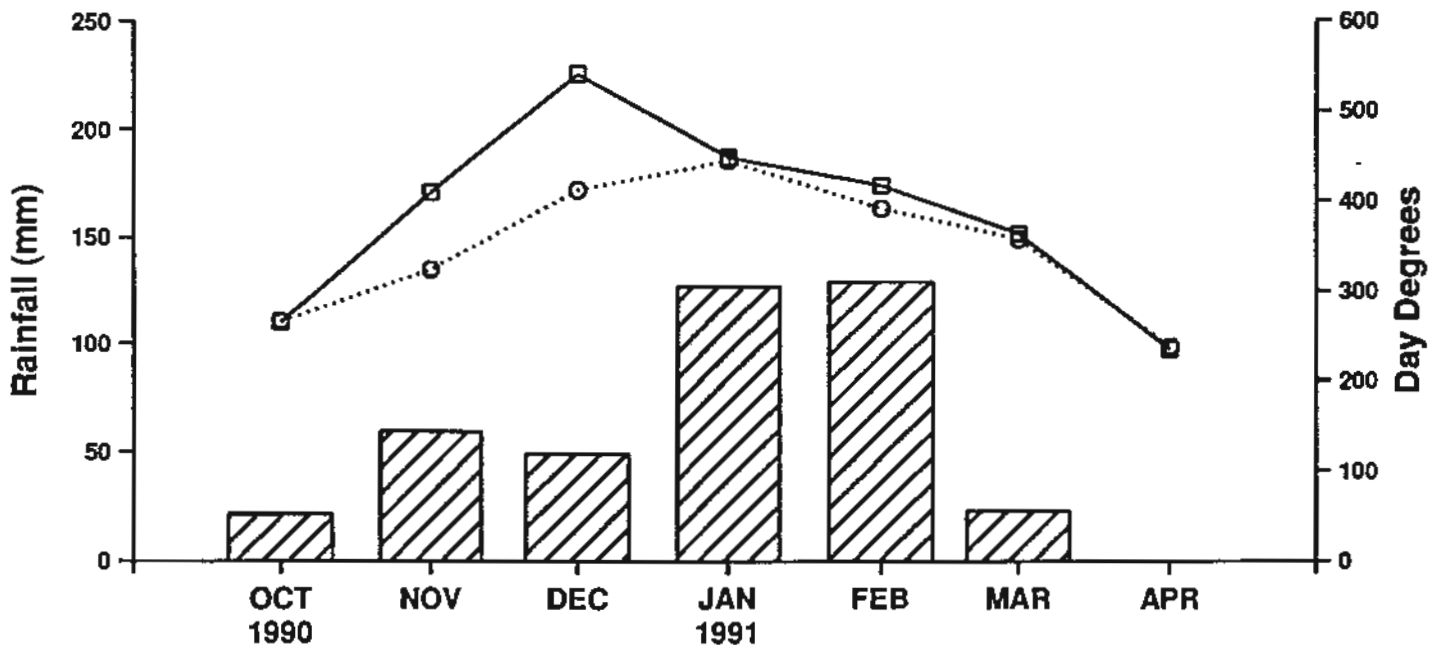


Average number of sprays per ha = 9.7

Siratac ha = 14641

MIDKIN Rainfall & Day Degrees

- Rainfall 90/91
- Day Degrees 90/91
- Day Degrees Mean



90/91 GWYDIR

HELIOTHIS PRESSURE

