**FRUITING PATTERNS AND THEIR IMPLICATIONS FOR TRAINING AND PRUNING**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Location of fruiting buds** | | | |  | | |
|  | **On long shoots** | | **On short shoots / spurs** | |  | | |
| **Variety** | **Laterally** | **Terminally** | **Laterally** | **Terminally** | **Spur Life**  **(In years)** | **Type of training system** | **Amount and type of pruning for mature trees** |
| Apple | minor | very minor | ------ | major | 8-10+ | central leader, open center, or modified central leader | medium, thin spurs at branch ends to manage weight load |
| Pear | minor | very minor | ------ | major | 6-8 | central leader or multiple leader | European (medium),  Asian (medium to heavy),  thin spurs at branch ends to manage weight load |
| Plum  (European) | very minor | very minor | major | major | 8-10+ | open center, modified central leader, central leader | medium, reduce “end weight” |
|  |  |  |  |  |  |  |  |
| Peach and  Nectarine | major | ----- | minor | ----- | 1-2 | open center | heavy (1/3 to 2/3 of last year’s growth). Don’t allow laterals to get too long (break) |
| Apricot | minor | ----- | major | ----- | 3 | open center | heavy, but don’t prune off the “sprigs” because they bear fruit, reduce “end weight” |
| Plum  (Japanese) | minor | ----- | major | ----- | 6-8 | open center | heavy, reduce “end weight” |
|  |  |  |  |  |  |  |  |
| Cherry, Sweet | minor | ----- | major | ----- | 6-8 | open center, modified central leader | light (but use dynamic pruning to renew 2 yr. wood) |
| Cherry, Tart | minor | ----- | major | ----- | 3-5 | open center, modified central leader | very light (but use dynamic pruning to renew 2 yr. wood) |
|  |  |  |  |  |  |  |  |